Quantitation Report (QT Reviewed)

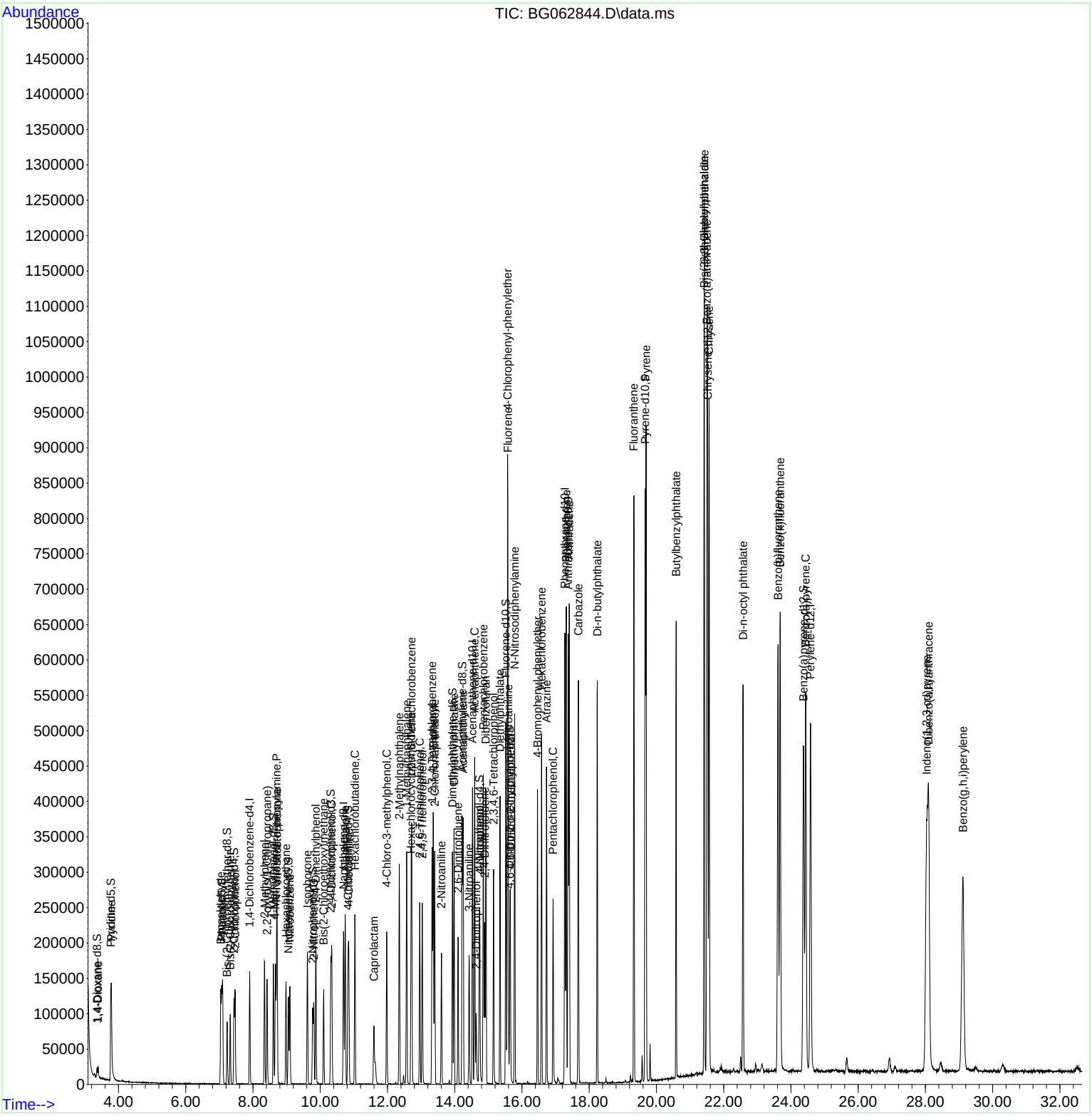
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062844.D
Acq On : 15 Sep 2024 13:39
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 15 23:31:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020491

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	44739	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	188529	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	154936	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	428031	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	477542	20.000	ng/ul	# 0.00
88) Perylene-d12	24.580	264	526998	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	7979m	8.062	ng/uL	0.00
4) Pyridine-d5	3.769	84	60159	19.095	ng/ul	0.00
7) Phenol-d5	7.071	99	69912	17.821	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	40172	17.080	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	54548	19.089	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	61092	18.687	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	29793	22.111	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	33492	22.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	66762	20.803	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	84033	19.049	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	226713	19.002	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	253295	19.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.732	143	38223	18.858	ng/ul	0.00
60) Fluorene-d10	15.520	176	210060	19.538	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	49496	20.103	ng/ul	0.00
73) Anthracene-d10	17.371	188	391918	19.401	ng/ul	0.00
81) Pyrene-d10	19.662	212	503628	18.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.374	264	533992	19.190	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	8114	7.315	ng/uL	89
5) Pyridine	3.786	79	62306	18.856	ng/ul	96
6) Benzaldehyde	7.041	77	47826m	22.173	ng/ul	
8) Phenol	7.094	94	72613	17.806	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.323	93	55526	18.011	ng/ul	96
12) 2-Chlorophenol	7.470	128	57487	19.675	ng/ul	95
13) 2-Methylphenol	8.346	108	57856	18.919	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	95774	17.260	ng/ul#	96
16) Acetophenone	8.716	105	98714	18.578	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.698	70	50999	18.335	ng/ul	95
18) 4-Methylphenol	8.669	108	65286	18.976	ng/ul	95
19) Hexachloroethane	8.980	117	24847	21.125	ng/ul#	83
22) Nitrobenzene	9.098	77	75810	20.797	ng/ul#	92
23) Isophorone	9.621	82	135240	18.147	ng/ul	97
25) 2-Nitrophenol	9.809	139	33919	20.884	ng/ul	95
26) 2,4-Dimethylphenol	9.868	107	70096	20.197	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.103	93	75864	18.215	ng/ul	96
29) 2,4-Dichlorophenol	10.343	162	66921	21.172	ng/ul	96
30) Naphthalene	10.743	128	196149	19.404	ng/ul	98
32) 4-Chloroaniline	10.849	127	82575	18.822	ng/ul	97
33) Hexachlorobutadiene	11.031	225	60988	23.161	ng/ul	96
34) Caprolactam	11.595	113	22580m	19.383	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	71581	20.760	ng/ul	96
36) 2-Methylnaphthalene	12.353	142	148614	19.920	ng/ul	94

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Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020491

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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.570	142	151379	19.809	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.717	216	112926	21.201	ng/ul	99
40)	Hexachlorocyclopentadiene	12.700	237	65520	24.040	ng/ul	97
41)	2,4,6-Trichlorophenol	12.958	196	68522	21.238	ng/ul	97
42)	2,4,5-Trichlorophenol	13.034	196	76947	22.213	ng/ul	95
43)	1,1'-Biphenyl	13.363	154	208733	19.158	ng/ul	99
44)	2-Chloronaphthalene	13.405	162	170815	19.280	ng/ul	98
45)	2-Nitroaniline	13.604	65	51225	21.071	ng/ul	98
47)	Dimethylphthalate	13.980	163	232588	18.929	ng/ul	100
48)	2,6-Dinitrotoluene	14.098	165	46216	21.350	ng/ul	96
50)	Acenaphthylene	14.251	152	265374	18.969	ng/ul	98
51)	3-Nitroaniline	14.427	138	44611	20.584	ng/ul	99
52)	Acenaphthene	14.591	153	191356	19.311	ng/ul	99
53)	2,4-Dinitrophenol	14.638	184	26546	18.571	ng/ul	94
55)	4-Nitrophenol	14.744	109	37349	20.500	ng/ul	92
56)	Dibenzofuran	14.926	168	285108	19.368	ng/ul	100
57)	2,4-Dinitrotoluene	14.891	165	72520	21.427	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.155	232	73665	20.985	ng/ul	98
59)	Diethylphthalate	15.349	149	230283	18.998	ng/ul	99
61)	Fluorene	15.579	166	225533	19.503	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.573	204	140087	20.652	ng/ul	98
63)	4-Nitroaniline	15.590	138	48201	20.667	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.655	198	49858	19.535	ng/ul	95
67)	N-Nitrosodiphenylamine	15.784	169	206830	18.841	ng/ul	99
68)	4-Bromophenyl-phenylether	16.466	248	97539	19.803	ng/ul	96
69)	Hexachlorobenzene	16.583	284	115157	20.477	ng/ul	95
70)	Atrazine	16.730	200	97864	20.017	ng/ul	98
71)	Pentachlorophenol	16.924	266	57100	16.975	ng/ul	95
72)	Phenanthrene	17.318	178	426477	19.160	ng/ul	99
74)	Anthracene	17.406	178	438293	19.315	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.328	216	116789	19.980	ng/ul	98
76)	Pentachlorobenzene	14.850	250	127520	19.687	ng/ul	98
77)	Carbazole	17.676	167	366559	19.479	ng/ul	97
78)	Di-n-butylphthalate	18.240	149	425610	19.125	ng/ul	99
80)	Fluoranthene	19.327	202	553773	18.607	ng/ul	98
82)	Pyrene	19.691	202	596366	18.615	ng/ul	97
83)	Butylbenzylphthalate	20.584	149	187448	19.709	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.425	252	216373	21.521	ng/ul	96
85)	Benzo(a)anthracene	21.501	228	635844	19.144	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.419	149	271852	19.413	ng/ul	98
87)	Chrysene	21.566	228	598648	18.999	ng/ul	98
89)	Di-n-octyl phthalate	22.576	149	466780	19.042	ng/ul	100
90)	Benzo(b)fluoranthene	23.616	252	618343	19.004	ng/ul	97
91)	Benzo(k)fluoranthene	23.681	252	634095	19.033	ng/ul	97
93)	Benzo(a)pyrene	24.439	252	586323	19.105	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	28.035	276	754018	19.941	ng/ul#	96
95)	Dibenzo(a,h)anthracene	28.093	278	615855	20.277	ng/ul	96
96)	Benzo(g,h,i)perylene	29.116	276	578733	19.817	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 15 23:31:52 2024
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Instrument :
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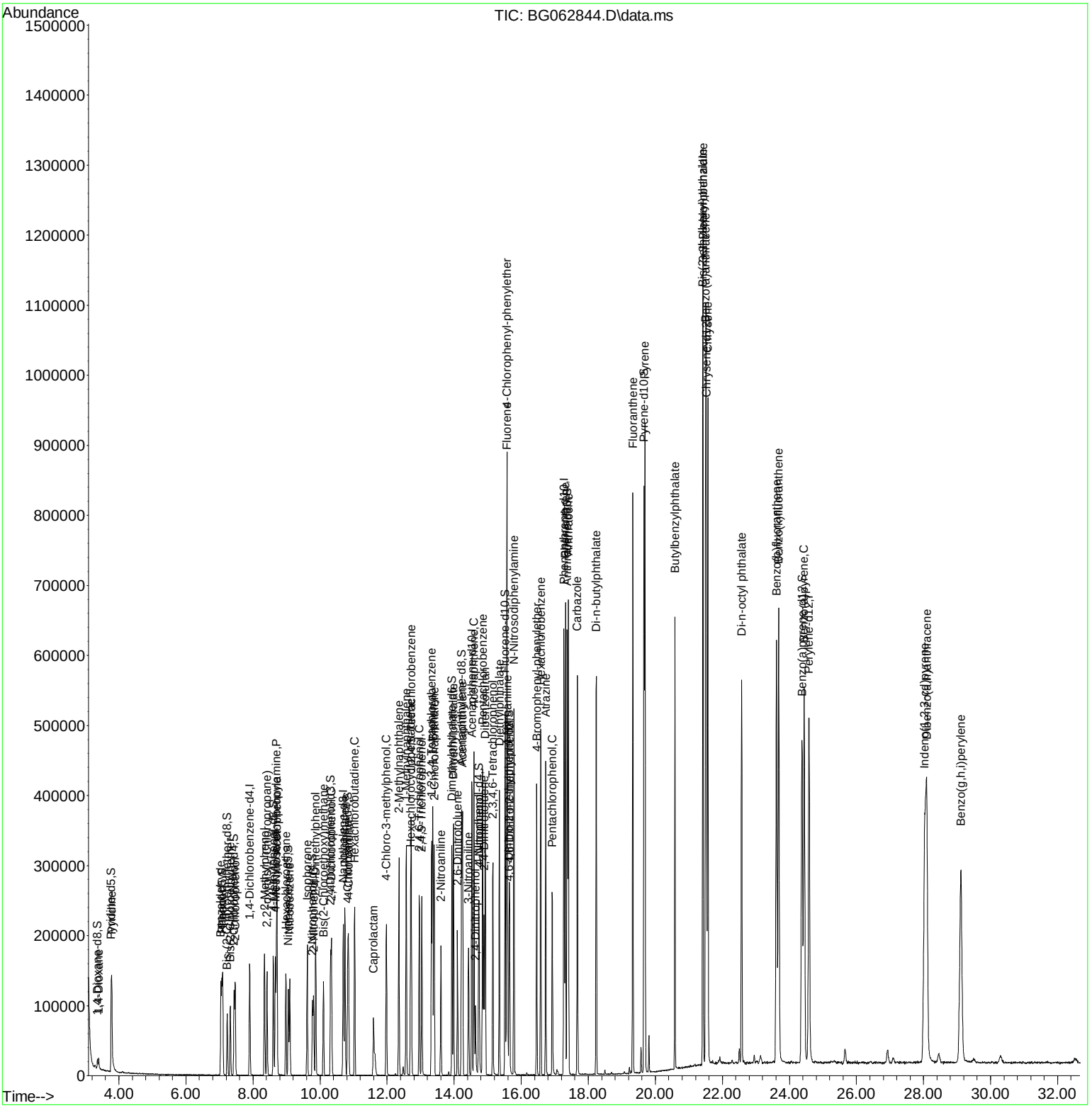

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062844.D
Acq On : 15 Sep 2024 13:39
Operator : JU/RC
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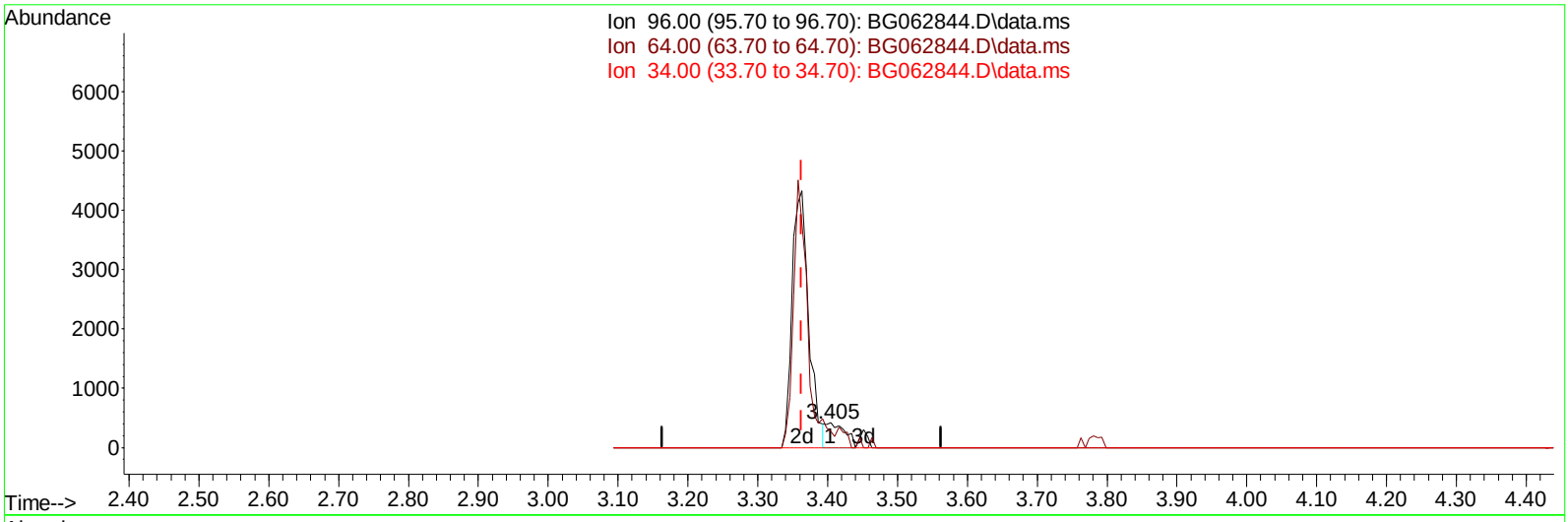

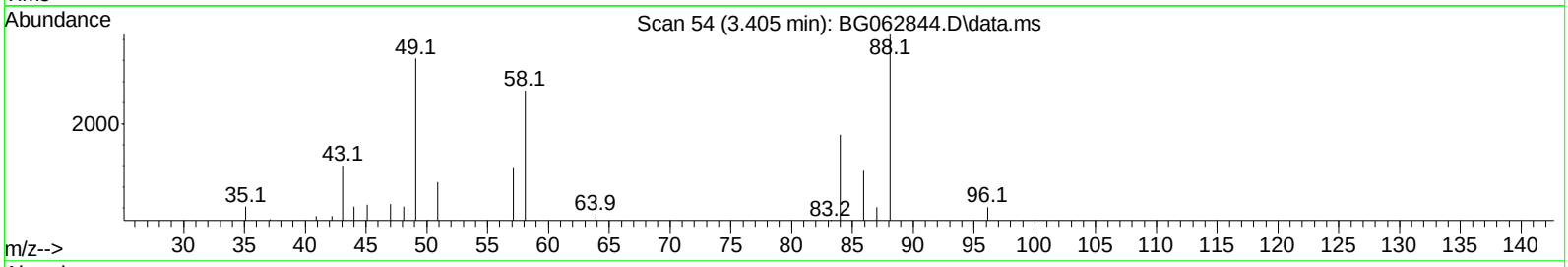

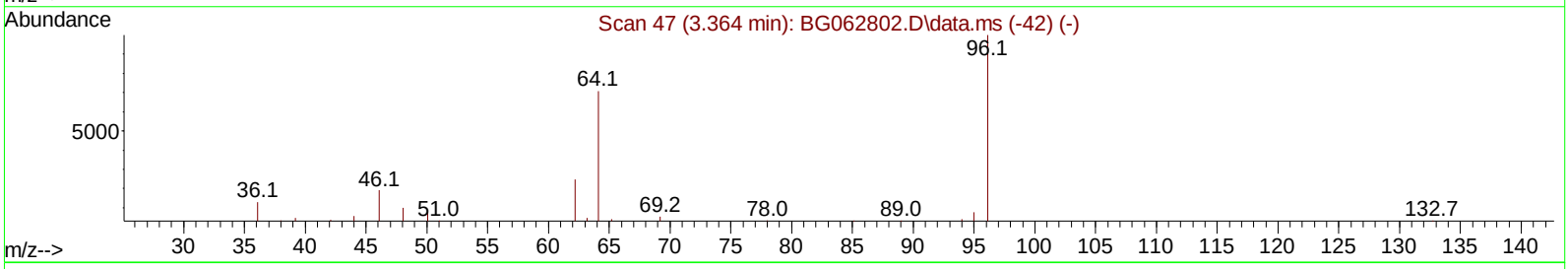

TIC: BG062844.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.405min (+ 0.042) 0.81 ng/uL

response 799

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	65.55
34.00	0.00	0.00
0.00	0.00	0.00

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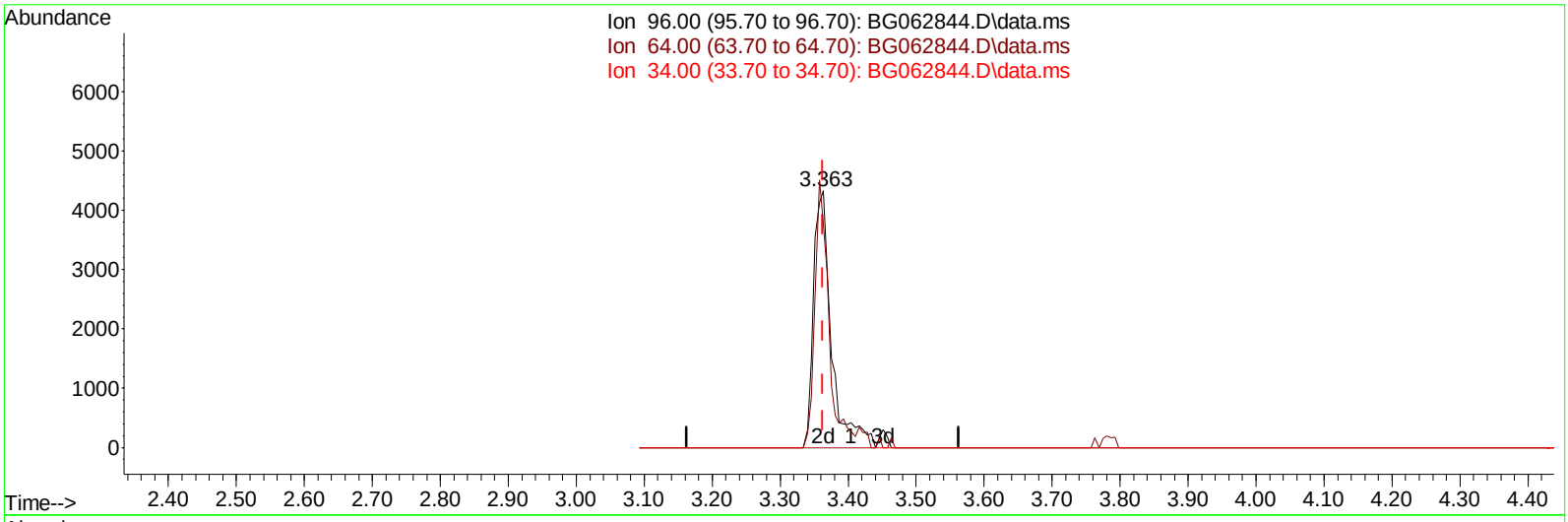

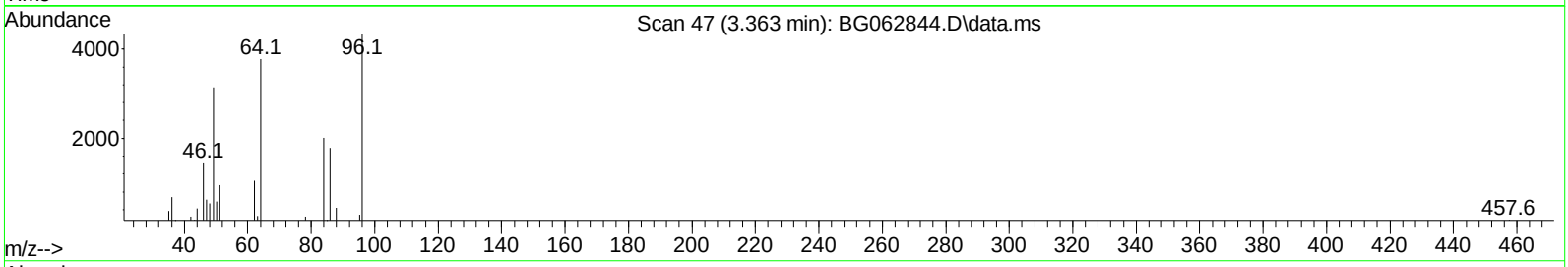

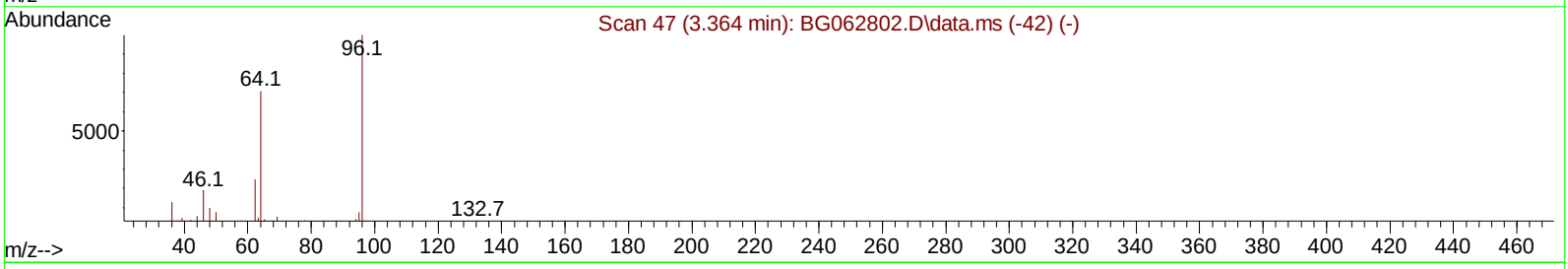

TIC: BG062844.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.363min (+ 0.000) 8.06 ng/uL m

response 7979

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.00	87.34#
34.00	0.00	0.00
0.00	0.00	0.00

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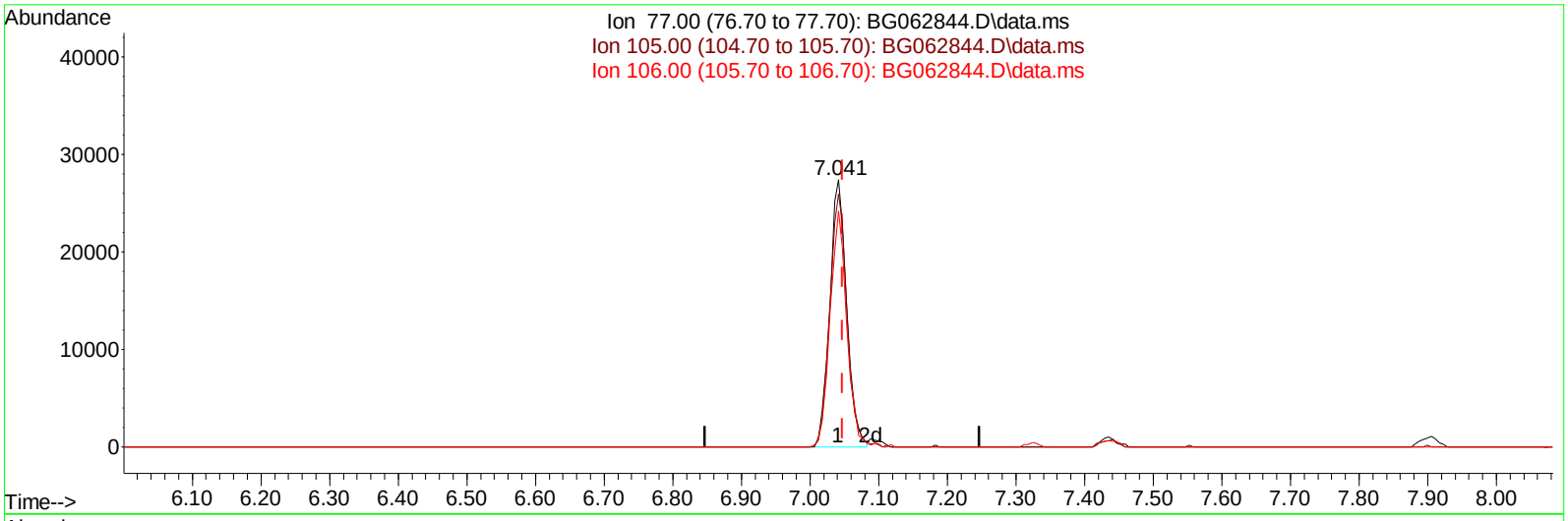

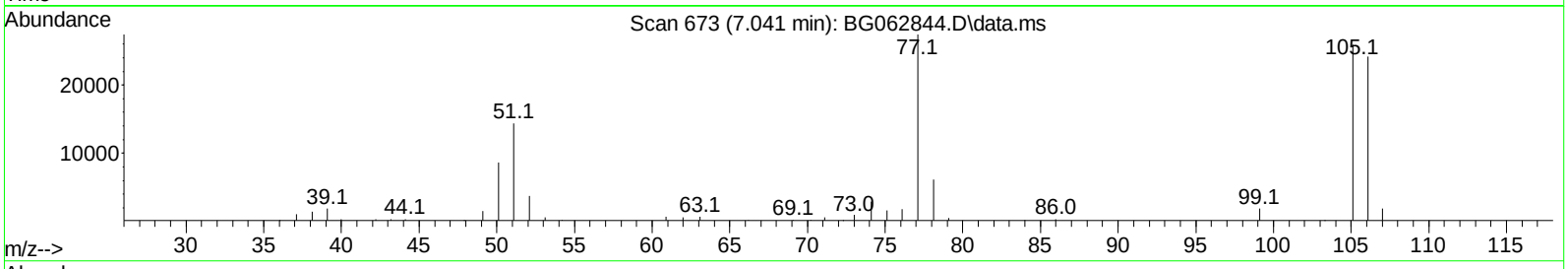

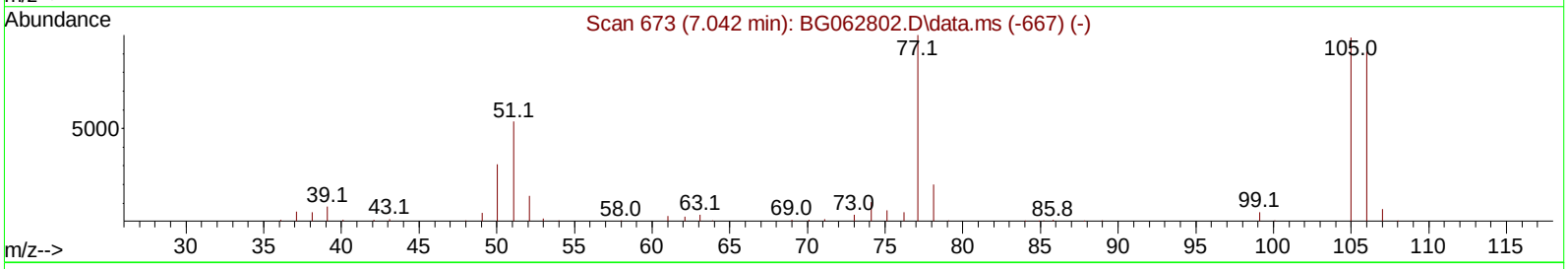

TIC: BG062844.D\data.ms

(6) Benzaldehyde

7.041min (-0.006) 21.72 ng/ul

response 46840

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	94.69
106.00	86.30	88.26
0.00	0.00	0.00

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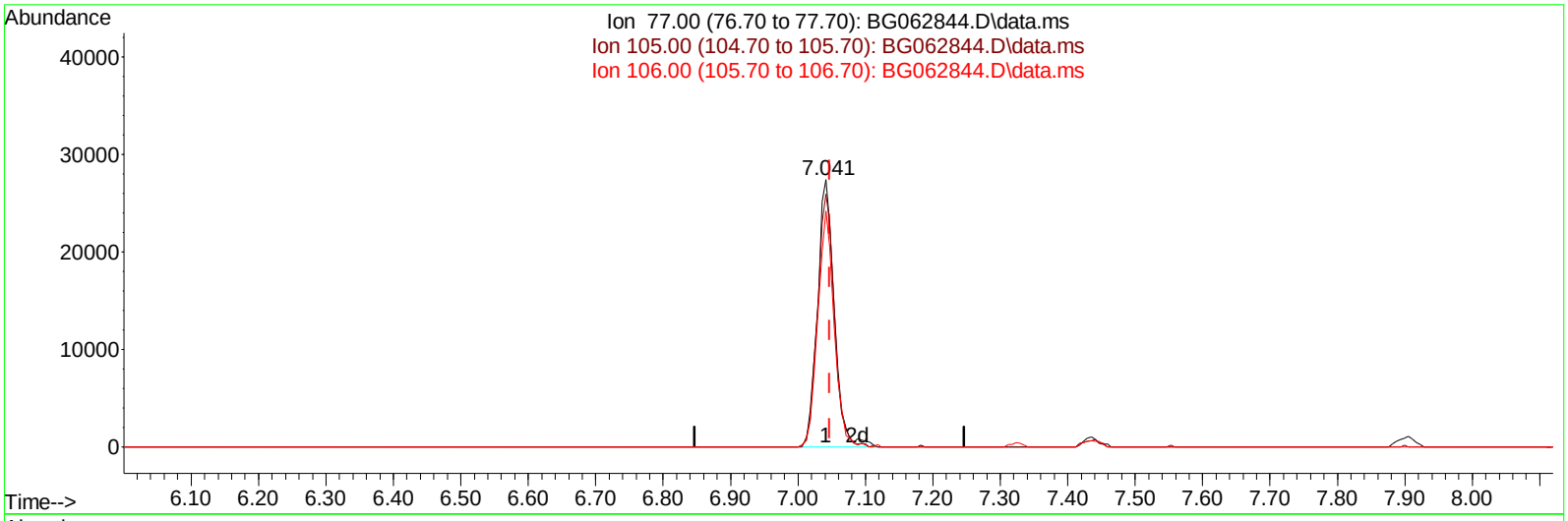

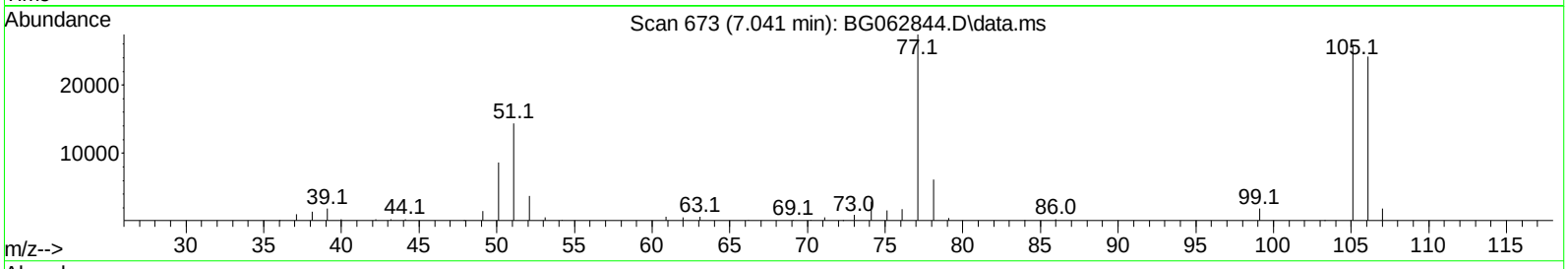

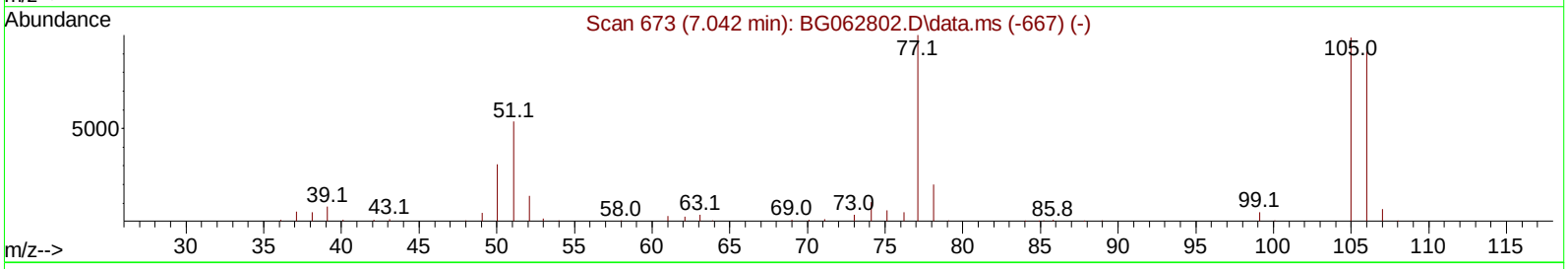

TIC: BG062844.D\data.ms

(6) Benzaldehyde

7.041min (-0.006) 22.17 ng/ul m

response 47826

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	94.69
106.00	86.30	88.26
0.00	0.00	0.00

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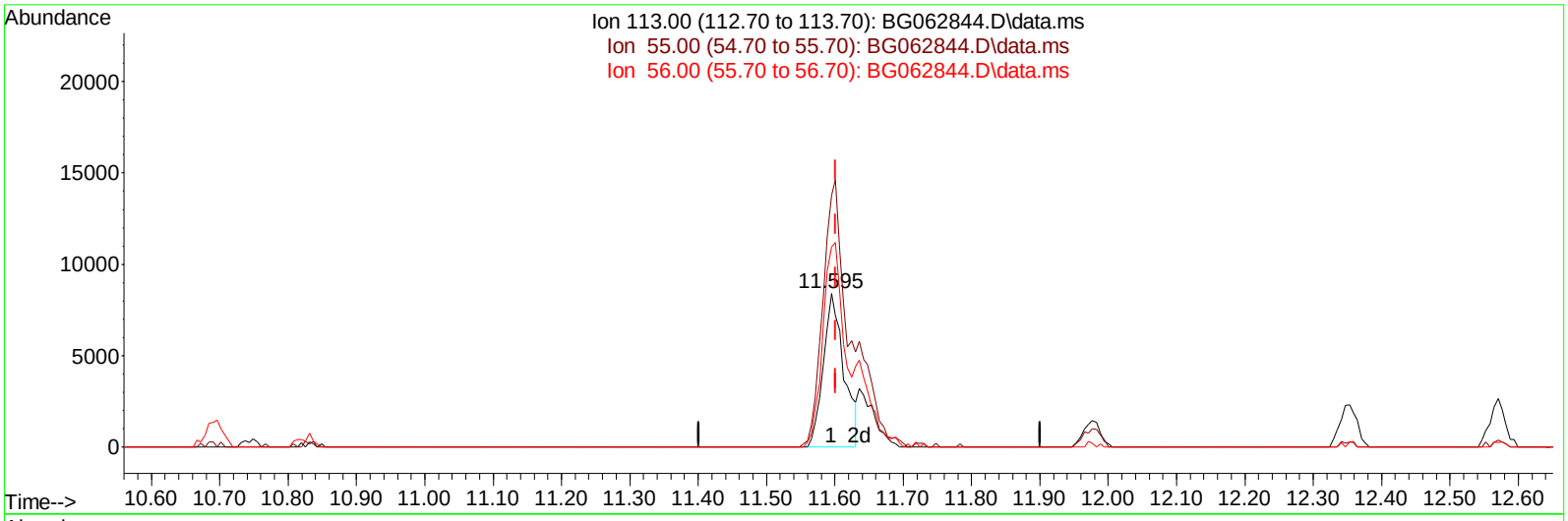
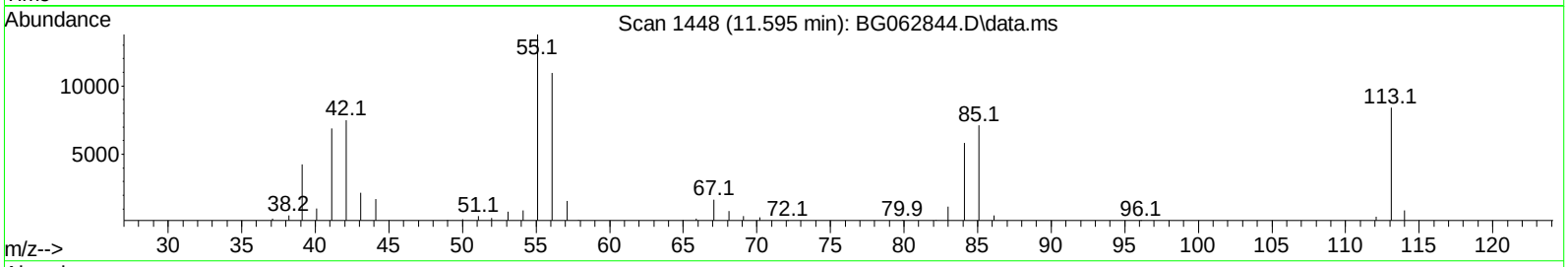
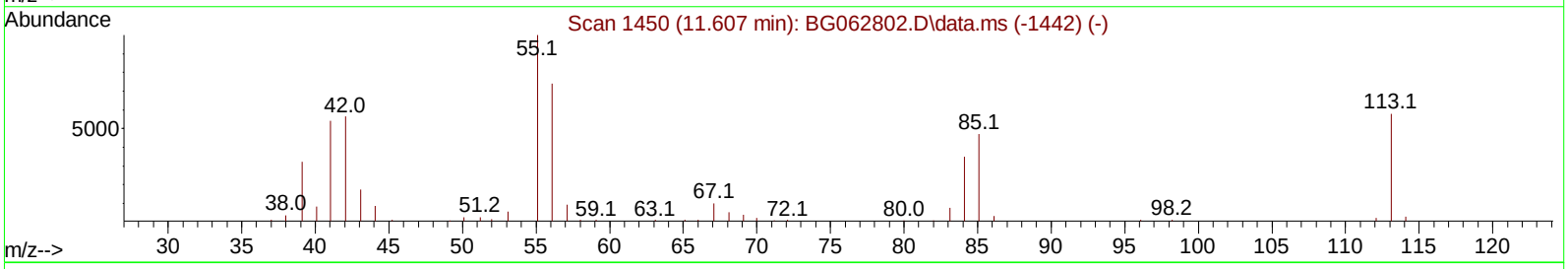






TIC: BG062844.D\data.ms

(34) Caprolactam

11.595min (-0.006) 15.00 ng/ul

response 17470

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	163.90
56.00	156.30	130.34
0.00	0.00	0.00

Quantitation Report (Qedit)

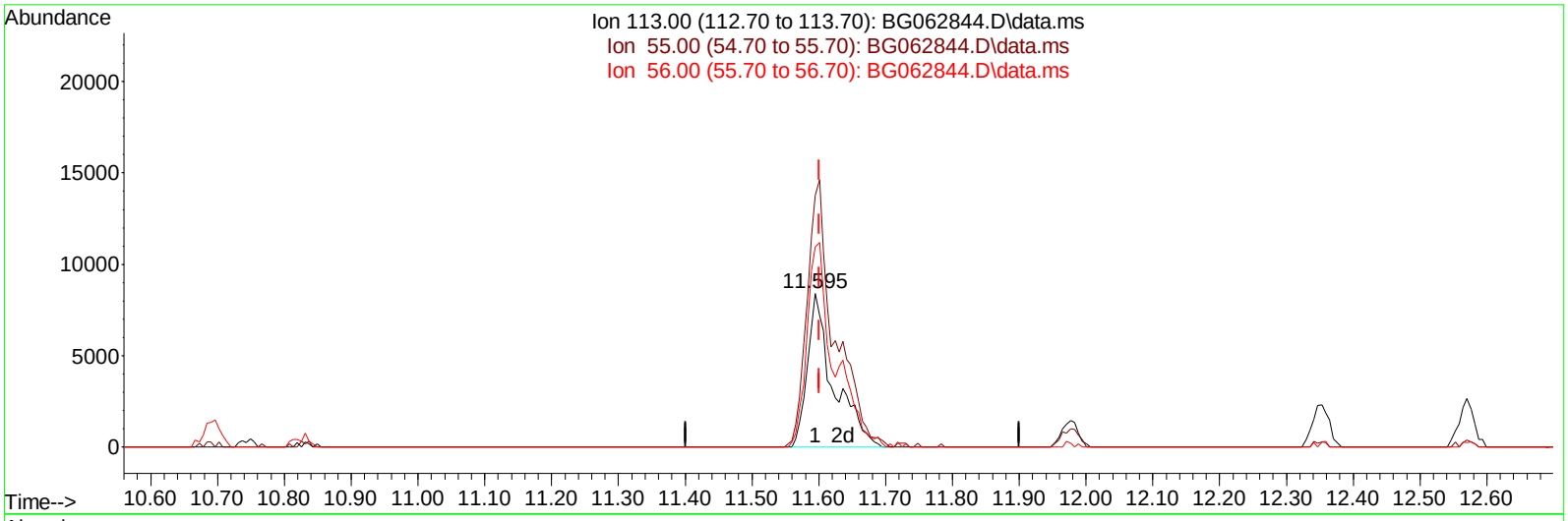
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062844.D
Acq On : 15 Sep 2024 13:39
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

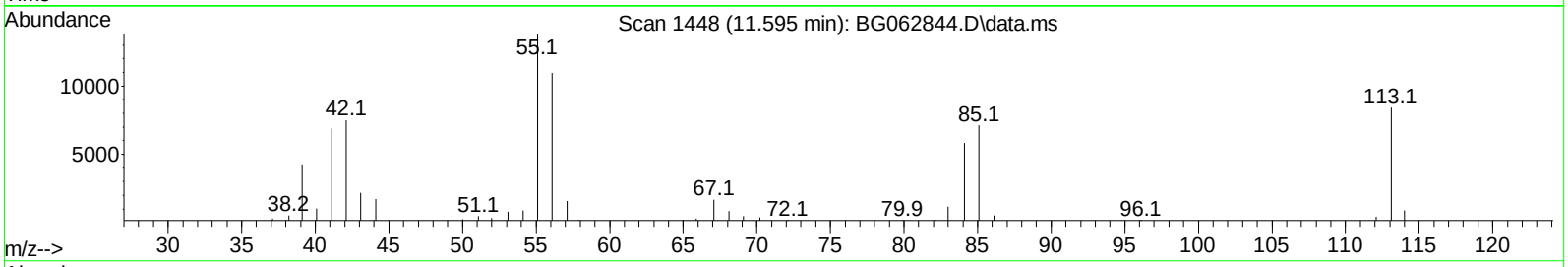
Quant Time: Sep 15 23:31:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

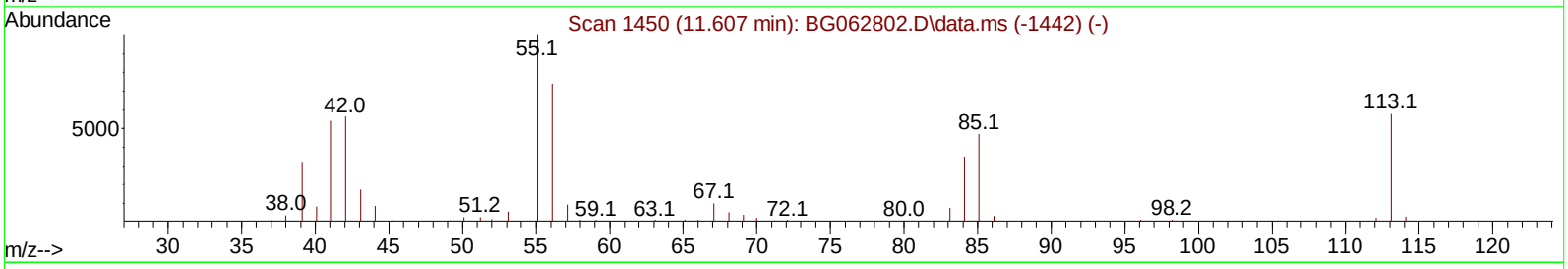
Instrument :
BNA_G
ClientSampleId :
SSTD020491

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024







TIC: BG062844.D\data.ms

(34) Caprolactam

11.595min (-0.006) 19.38 ng/ul m

response 22580

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	163.90
56.00	156.30	130.34
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062844.D
Acq On : 15 Sep 2024 13:39
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 15 23:31:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020491

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	44739	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	188529	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	154936	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	428031	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	477542	20.000	ng/ul	# 0.00
88) Perylene-d12	24.580	264	526998	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	7979m	8.062	ng/uL	0.00
4) Pyridine-d5	3.769	84	60159	19.095	ng/ul	0.00
7) Phenol-d5	7.071	99	69912	17.821	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	40172	17.080	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	54548	19.089	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	61092	18.687	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	29793	22.111	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	33492	22.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	66762	20.803	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	84033	19.049	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	226713	19.002	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	253295	19.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.732	143	38223	18.858	ng/ul	0.00
60) Fluorene-d10	15.520	176	210060	19.538	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	49496	20.103	ng/ul	0.00
73) Anthracene-d10	17.371	188	391918	19.401	ng/ul	0.00
81) Pyrene-d10	19.662	212	503628	18.741	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.374	264	533992	19.190	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	8114	7.315	ng/uL	89
5) Pyridine	3.786	79	62306	18.856	ng/ul	96
6) Benzaldehyde	7.041	77	47826m	22.173	ng/ul	
8) Phenol	7.094	94	72613	17.806	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.323	93	55526	18.011	ng/ul	96
12) 2-Chlorophenol	7.470	128	57487	19.675	ng/ul	95
13) 2-Methylphenol	8.346	108	57856	18.919	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	95774	17.260	ng/ul#	96
16) Acetophenone	8.716	105	98714	18.578	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.698	70	50999	18.335	ng/ul	95
18) 4-Methylphenol	8.669	108	65286	18.976	ng/ul	95
19) Hexachloroethane	8.980	117	24847	21.125	ng/ul#	83
22) Nitrobenzene	9.098	77	75810	20.797	ng/ul#	92
23) Isophorone	9.621	82	135240	18.147	ng/ul	97
25) 2-Nitrophenol	9.809	139	33919	20.884	ng/ul	95
26) 2,4-Dimethylphenol	9.868	107	70096	20.197	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.103	93	75864	18.215	ng/ul	96
29) 2,4-Dichlorophenol	10.343	162	66921	21.172	ng/ul	96
30) Naphthalene	10.743	128	196149	19.404	ng/ul	98
32) 4-Chloroaniline	10.849	127	82575	18.822	ng/ul	97
33) Hexachlorobutadiene	11.031	225	60988	23.161	ng/ul	96
34) Caprolactam	11.595	113	22580m	19.383	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	71581	20.760	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062844.D
Acq On : 15 Sep 2024 13:39
Operator : JU/RC
Sample : SSTDCCC020
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020491

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.353	142	148614	19.920	ng/ul	94
37) 1-Methylnaphthalene	12.570	142	151379	19.809	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.717	216	112926	21.201	ng/ul	99
40) Hexachlorocyclopentadiene	12.700	237	65520	24.040	ng/ul	97
41) 2,4,6-Trichlorophenol	12.958	196	68522	21.238	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	76947	22.213	ng/ul	95
43) 1,1'-Biphenyl	13.363	154	208733	19.158	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	170815	19.280	ng/ul	98
45) 2-Nitroaniline	13.604	65	51225	21.071	ng/ul	98
47) Dimethylphthalate	13.980	163	232588	18.929	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	46216	21.350	ng/ul	96
50) Acenaphthylene	14.251	152	265374	18.969	ng/ul	98
51) 3-Nitroaniline	14.427	138	44611	20.584	ng/ul	99
52) Acenaphthene	14.591	153	191356	19.311	ng/ul	99
53) 2,4-Dinitrophenol	14.638	184	26546	18.571	ng/ul	94
55) 4-Nitrophenol	14.744	109	37349	20.500	ng/ul	92
56) Dibenzofuran	14.926	168	285108	19.368	ng/ul	100
57) 2,4-Dinitrotoluene	14.891	165	72520	21.427	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.155	232	73665	20.985	ng/ul	98
59) Diethylphthalate	15.349	149	230283	18.998	ng/ul	99
61) Fluorene	15.579	166	225533	19.503	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	140087	20.652	ng/ul	98
63) 4-Nitroaniline	15.590	138	48201	20.667	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.655	198	49858	19.535	ng/ul	95
67) N-Nitrosodiphenylamine	15.784	169	206830	18.841	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	97539	19.803	ng/ul	96
69) Hexachlorobenzene	16.583	284	115157	20.477	ng/ul	95
70) Atrazine	16.730	200	97864	20.017	ng/ul	98
71) Pentachlorophenol	16.924	266	57100	16.975	ng/ul	95
72) Phenanthrene	17.318	178	426477	19.160	ng/ul	99
74) Anthracene	17.406	178	438293	19.315	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	116789	19.980	ng/ul	98
76) Pentachlorobenzene	14.850	250	127520	19.687	ng/ul	98
77) Carbazole	17.676	167	366559	19.479	ng/ul	97
78) Di-n-butylphthalate	18.240	149	425610	19.125	ng/ul	99
80) Fluoranthene	19.327	202	553773	18.607	ng/ul	98
82) Pyrene	19.691	202	596366	18.615	ng/ul	97
83) Butylbenzylphthalate	20.584	149	187448	19.709	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.425	252	216373	21.521	ng/ul	96
85) Benzo(a)anthracene	21.501	228	635844	19.144	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.419	149	271852	19.413	ng/ul	98
87) Chrysene	21.566	228	598648	18.999	ng/ul	98
89) Di-n-octyl phthalate	22.576	149	466780	19.042	ng/ul	100
90) Benzo(b)fluoranthene	23.616	252	618343	19.004	ng/ul	97
91) Benzo(k)fluoranthene	23.681	252	634095	19.033	ng/ul	97
93) Benzo(a)pyrene	24.439	252	586323	19.105	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.035	276	754018	19.941	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.093	278	615855	20.277	ng/ul	96
96) Benzo(g,h,i)perylene	29.116	276	578733	19.817	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed