Quantitation Report (Qedit)

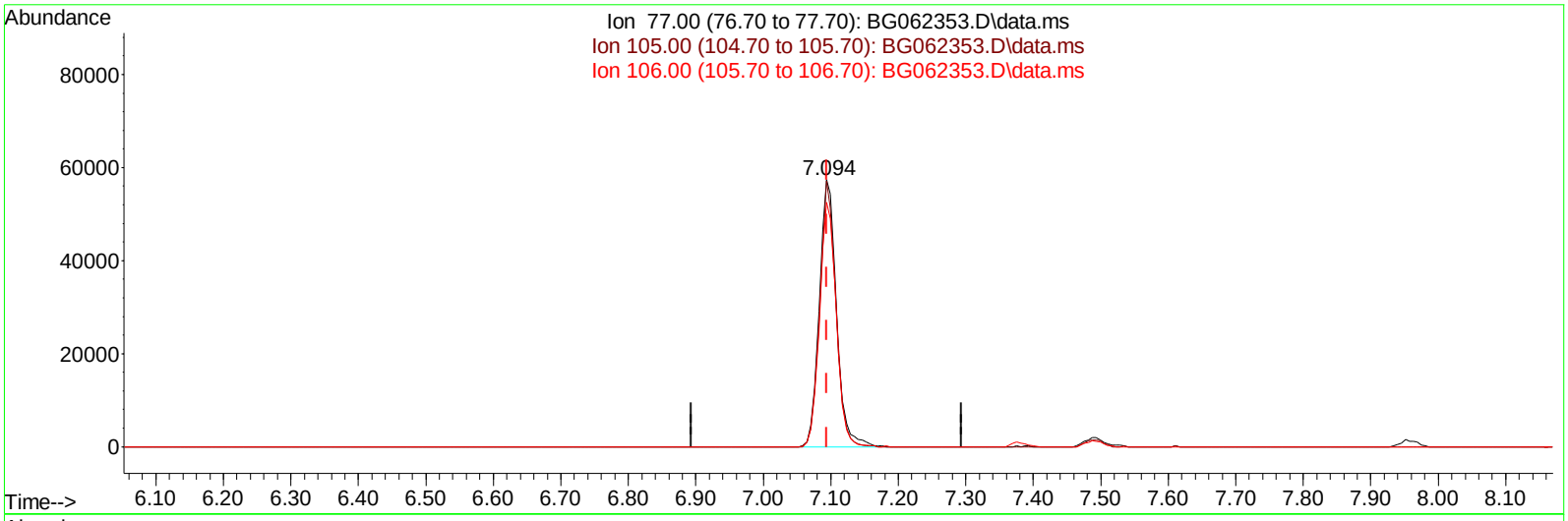
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062353.D
Acq On : 9 Aug 2024 9:49
Operator : MA/JU
Sample : PB162448BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

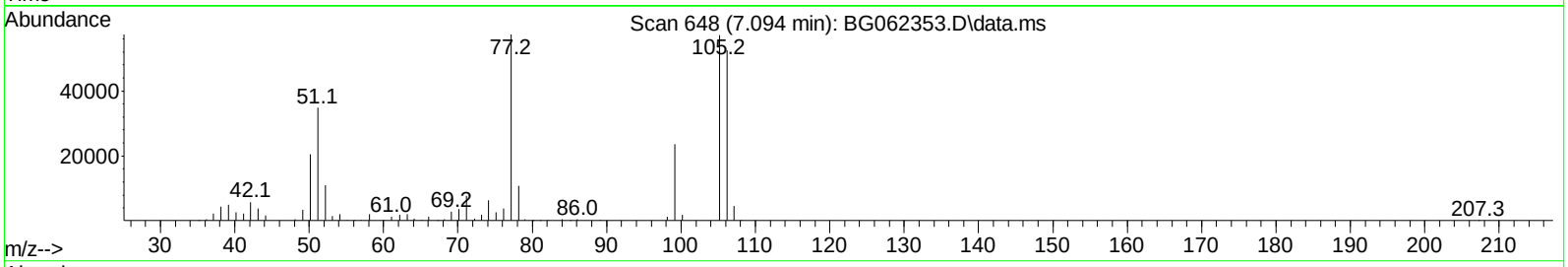
Quant Time: Aug 09 11:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

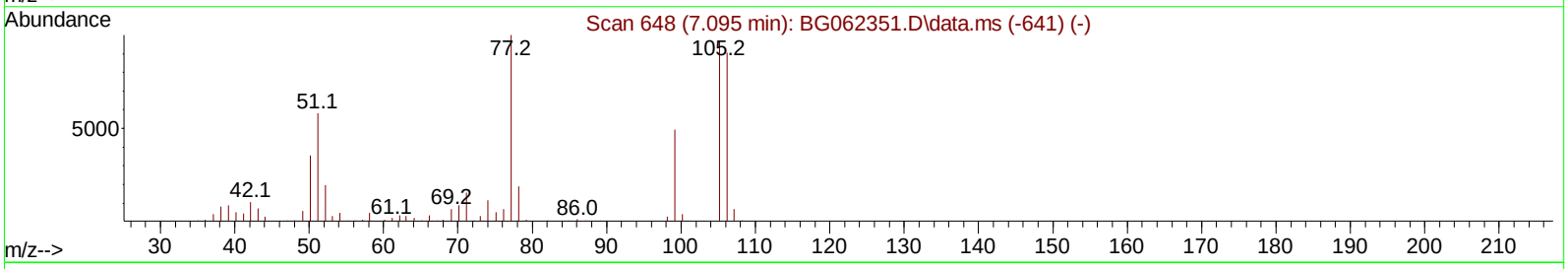
Instrument :
BNA_G
ClientSampleId :
SLCS448

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062353.D\data.ms

(6) Benzaldehyde

7.094min (+ 0.000) 29.38 ng/ul

response 101725

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	99.51
106.00	91.40	91.70
0.00	0.00	0.00

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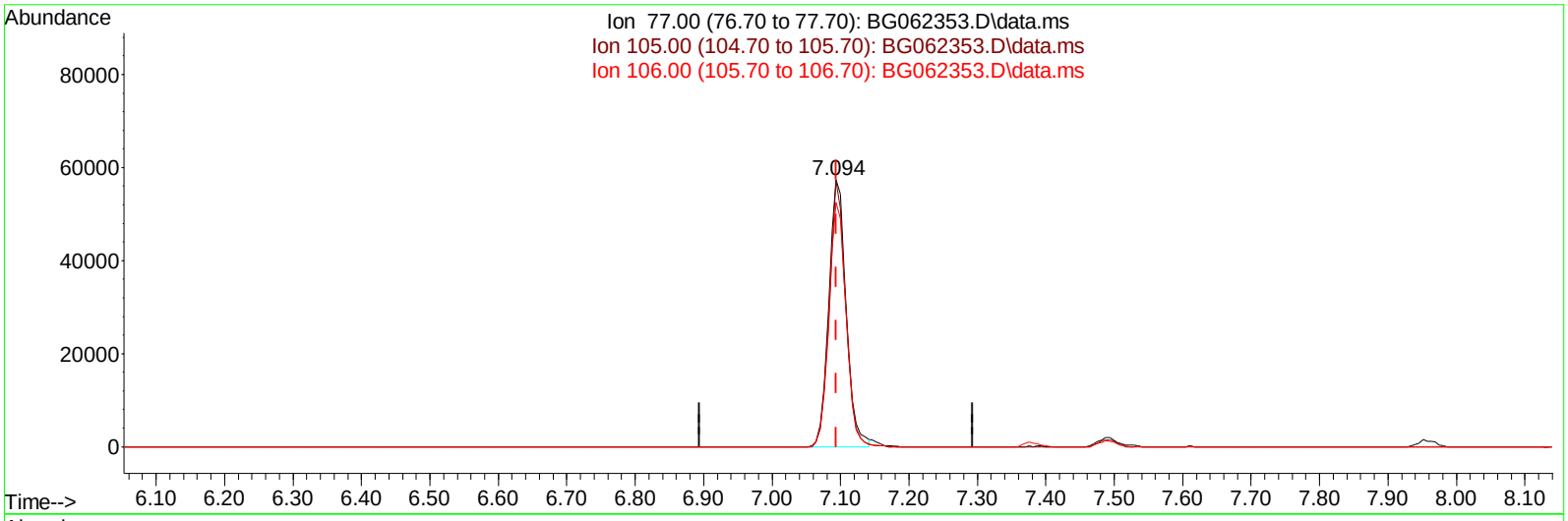

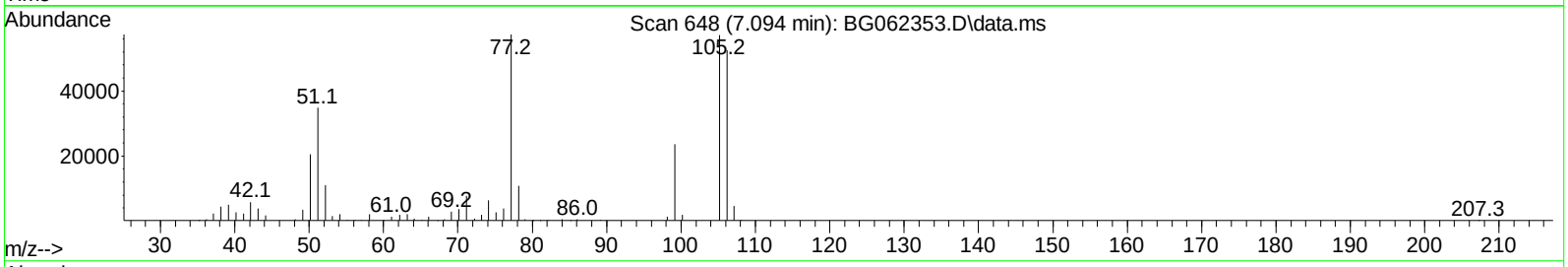

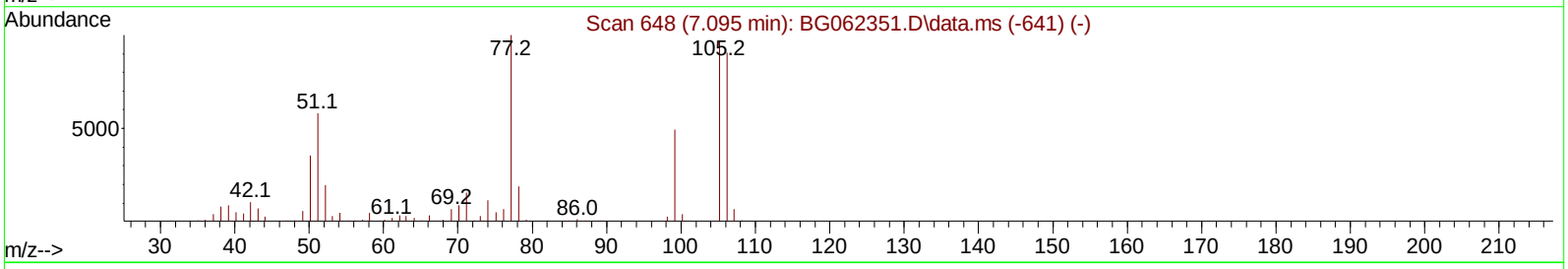

TIC: BG062353.D\data.ms

(6) Benzaldehyde

7.094min (+ 0.000) 29.02 ng/ul m

response 100479

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	99.51
106.00	91.40	91.70
0.00	0.00	0.00

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Sample : PB162448BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 09 11:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS448

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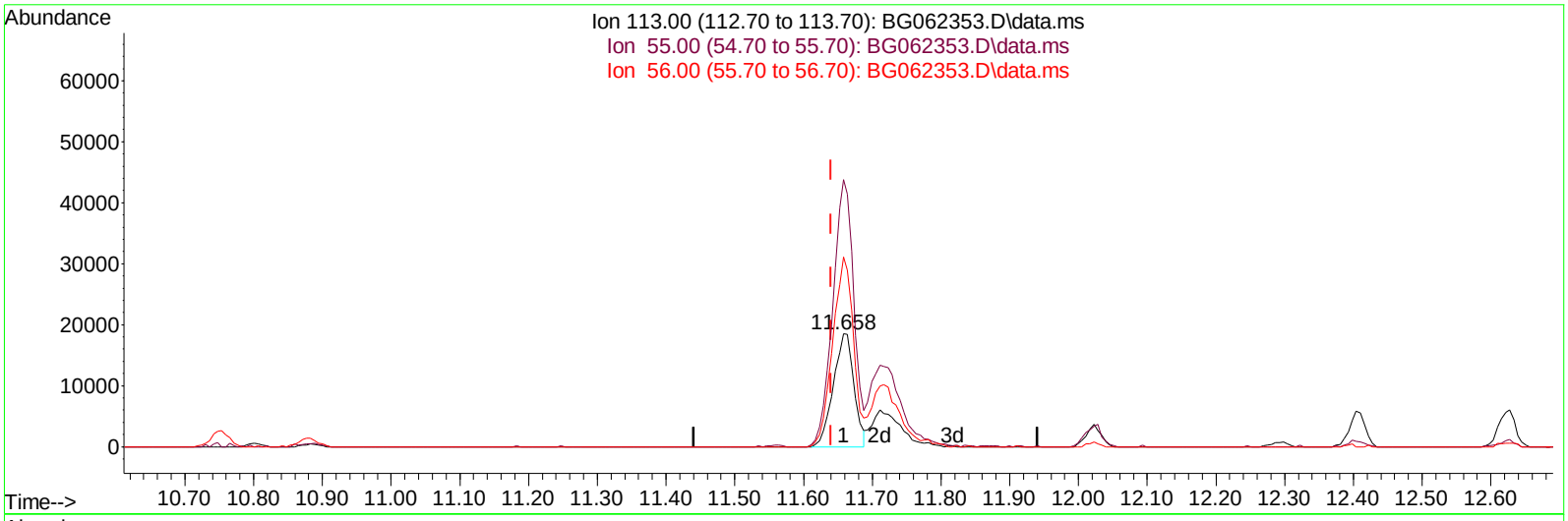

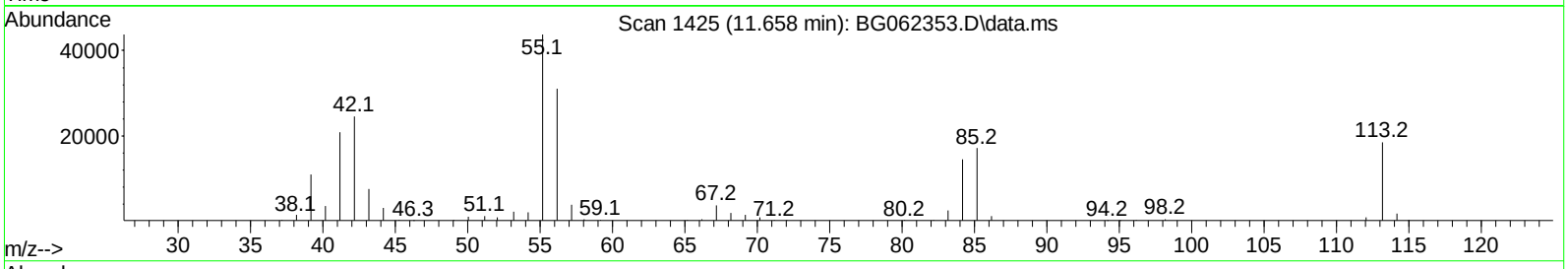

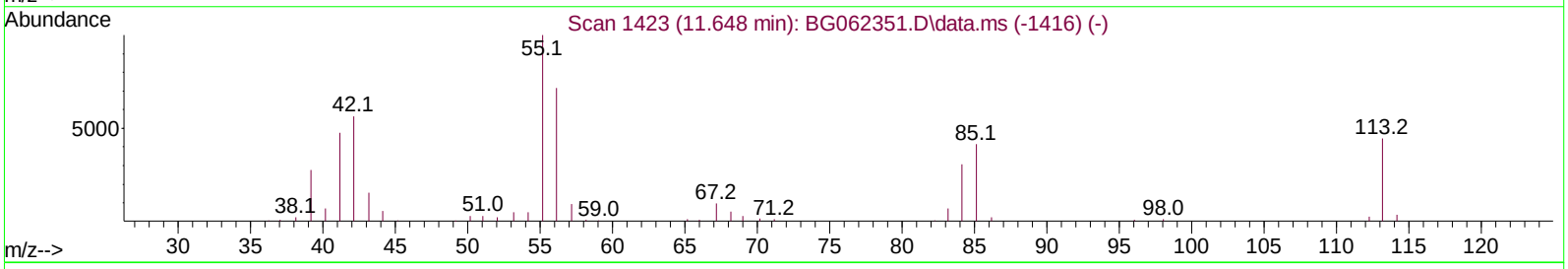

TIC: BG062353.D\data.ms

(34) Caprolactam

11.658min (+ 0.018) 20.91 ng/ul

response 38737

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	236.29
56.00	156.80	167.78
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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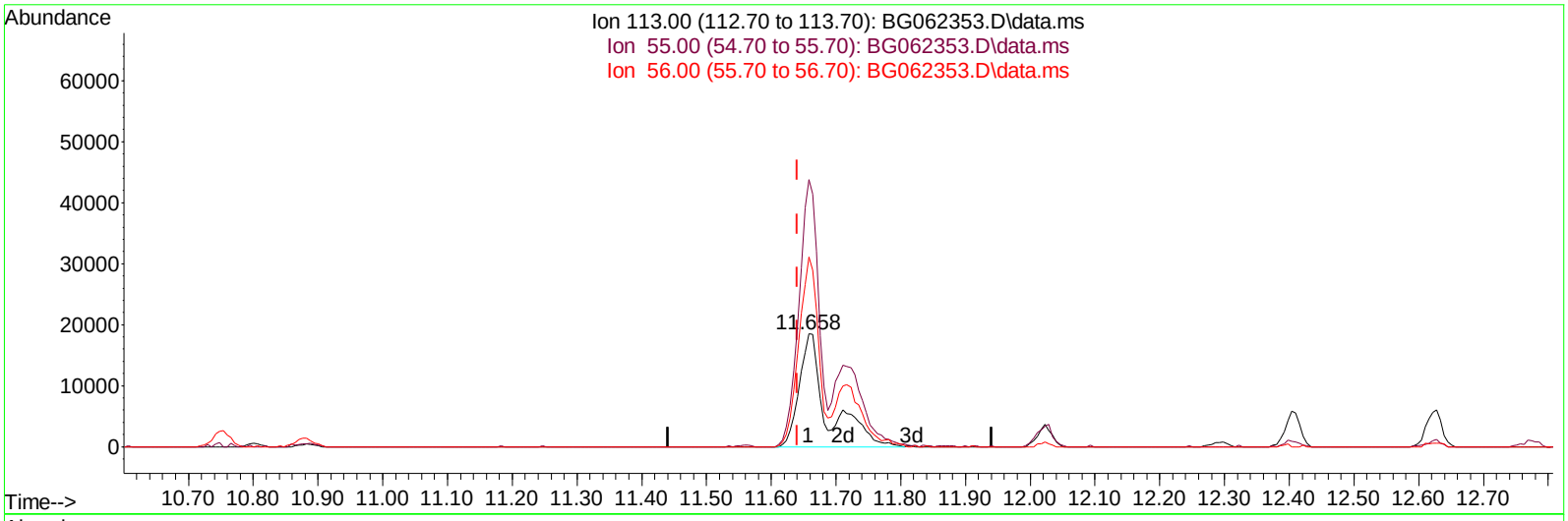

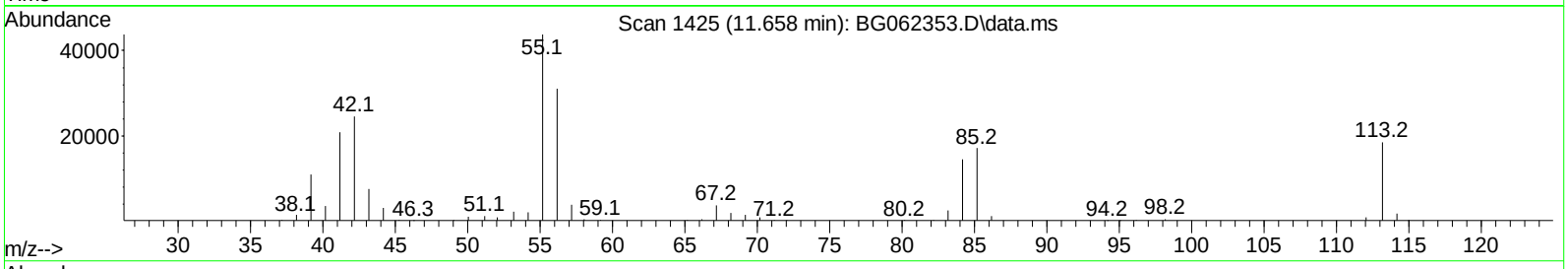

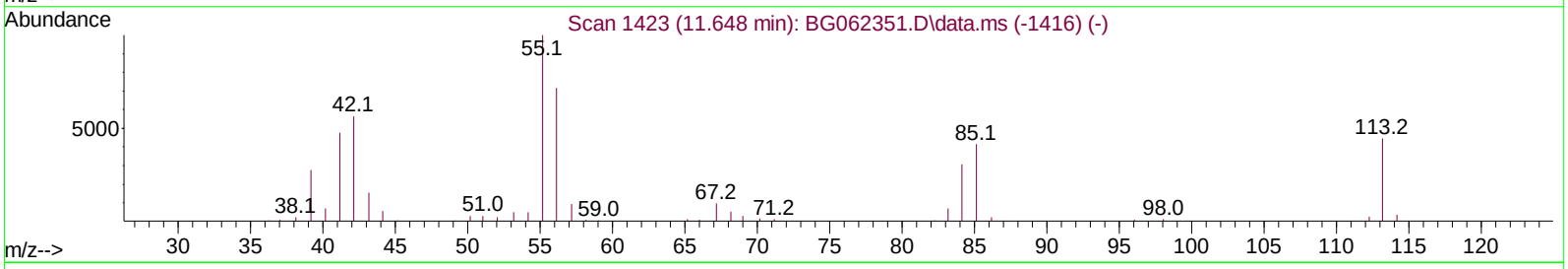

TIC: BG062353.D\data.ms

(34) Caprolactam

11.658min (+ 0.018) 30.29 ng/ul m

response 56122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	236.29
56.00	156.80	167.78
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 9 Aug 2024 9:49
Operator : MA/JU
Sample : PB162448BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 10 01:32:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	68635	20.000	ng/ul	0.00
20) Naphthalene-d8	10.754	136	310221	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.578	164	253468	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	527128	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	534859	20.000	ng/ul	0.00
88) Perylene-d12	24.641	264	607510	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	9318	5.854	ng/uL	0.00
4) Pyridine-d5	3.828	84	128335	25.628	ng/ul	0.00
7) Phenol-d5	7.111	99	197482	30.145	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	114467	28.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	136869	29.161	ng/ul	0.00
15) 4-Methylphenol-d8	8.656	113	156330	28.650	ng/ul	0.00
21) Nitrobenzene-d5	9.109	128	71548	37.403	ng/ul	0.00
24) 2-Nitrophenol-d4	9.831	143	80476	44.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	165692	31.703	ng/ul	0.00
31) 4-Chloroaniline-d4	10.877	131	199167	26.274	ng/ul	0.00
46) Dimethylphthalate-d6	13.984	166	523177	26.753	ng/ul	0.00
49) Acenaphthylene-d8	14.266	160	603019	27.196	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	87965	32.129	ng/ul	0.00
60) Fluorene-d10	15.565	176	476726	27.159	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.682	200	80565	51.607	ng/ul	0.00
73) Anthracene-d10	17.415	188	704679	27.717	ng/ul	0.00
81) Pyrene-d10	19.694	212	887564	27.919	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.429	264	930133	28.641	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	16937	9.425	ng/uL#	87
5) Pyridine	3.845	79	135752	26.081	ng/ul	99
6) Benzaldehyde	7.094	77	100479m	29.022	ng/ul	
8) Phenol	7.141	94	206371	29.855	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.382	93	146713	28.639	ng/ul	97
12) 2-Chlorophenol	7.523	128	145369	29.151	ng/ul	91
13) 2-Methylphenol	8.392	108	149734	28.728	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.480	45	300145	28.676	ng/ul	99
16) Acetophenone	8.774	105	248901	28.643	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.768	70	134865	29.203	ng/ul	97
18) 4-Methylphenol	8.721	108	170384	29.192	ng/ul	96
19) Hexachloroethane	9.038	117	58021	31.309	ng/ul	99
22) Nitrobenzene	9.156	77	192393	35.368	ng/ul	98
23) Isophorone	9.678	82	383109	29.276	ng/ul	100
25) 2-Nitrophenol	9.861	139	89446	40.979	ng/ul	96
26) 2,4-Dimethylphenol	9.919	107	141467	22.643	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.160	93	219306	29.717	ng/ul	99
29) 2,4-Dichlorophenol	10.395	162	168533	31.816	ng/ul	97
30) Naphthalene	10.801	128	519048	29.436	ng/ul	98
32) 4-Chloroaniline	10.900	127	182222	24.594	ng/ul	100
33) Hexachlorobutadiene	11.094	225	115524	28.815	ng/ul	98
34) Caprolactam	11.658	113	56122m	30.290	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	195411	32.875	ng/ul	99

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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS448

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	377266	31.055 ng/ul	99
37) 1-Methylnaphthalene	12.627	142	383337	30.456 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.774	216	244809	29.583 ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	89396	27.797 ng/ul	98
41) 2,4,6-Trichlorophenol	13.009	196	133508	27.816 ng/ul	94
42) 2,4,5-Trichlorophenol	13.080	196	152194	29.431 ng/ul	96
43) 1,1'-Biphenyl	13.415	154	538198	28.025 ng/ul	99
44) 2-Chloronaphthalene	13.450	162	420536	28.182 ng/ul	99
45) 2-Nitroaniline	13.650	65	141337	37.189 ng/ul	97
47) Dimethylphthalate	14.031	163	536263	27.334 ng/ul	100
48) 2,6-Dinitrotoluene	14.149	165	107187	40.016 ng/ul	93
50) Acenaphthylene	14.296	152	673580	28.511 ng/ul	98
51) 3-Nitroaniline	14.472	138	106972	35.080 ng/ul#	96
52) Acenaphthene	14.642	153	472346	26.854 ng/ul	99
53) 2,4-Dinitrophenol	14.672	184	50397	47.317 ng/ul#	83
55) 4-Nitrophenol	14.772	109	74835	30.558 ng/ul	95
56) Dibenzofuran	14.977	168	666865	27.444 ng/ul	99
57) 2,4-Dinitrotoluene	14.930	165	155378	42.287 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.195	232	120081	25.787 ng/ul#	99
59) Diethylphthalate	15.400	149	530074	26.758 ng/ul	99
61) Fluorene	15.623	166	521095	27.425 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.618	204	268144	27.373 ng/ul	98
63) 4-Nitroaniline	15.635	138	108434	36.898 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.694	198	89406	49.705 ng/ul	99
67) N-Nitrosodiphenylamine	15.829	169	466571	29.537 ng/ul	100
68) 4-Bromophenyl-phenylether	16.510	248	184107	30.655 ng/ul	97
69) Hexachlorobenzene	16.622	284	205418	29.401 ng/ul	98
70) Atrazine	16.775	200	15975	2.640 ng/ul	92
71) Pentachlorophenol	16.963	266	89935	24.446 ng/ul	98
72) Phenanthrene	17.356	178	854329	28.795 ng/ul	99
74) Anthracene	17.450	178	853880	28.042 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.379	216	242989	30.778 ng/ul	99
76) Pentachlorobenzene	14.895	250	236425	28.626 ng/ul	94
77) Carbazole	17.715	167	726821	29.105 ng/ul	99
78) Di-n-butylphthalate	18.285	149	888316	29.895 ng/ul	99
80) Fluoranthene	19.360	202	1023678	28.478 ng/ul	99
82) Pyrene	19.724	202	1079169	28.192 ng/ul	100
83) Butylbenzylphthalate	20.617	149	401000	30.352 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	384810	31.962 ng/ul	100
85) Benzo(a)anthracene	21.533	228	1133701	28.943 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	592819	29.073 ng/ul	98
87) Chrysene	21.598	228	1067476	28.868 ng/ul	99
89) Di-n-octyl phthalate	22.643	149	1038151	29.999 ng/ul	100
90) Benzo(b)fluoranthene	23.665	252	1082089	29.282 ng/ul	98
91) Benzo(k)fluoranthene	23.730	252	1117906	29.735 ng/ul	100
93) Benzo(a)pyrene	24.500	252	991714	28.361 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.124	276	1322703	29.190 ng/ul	99
95) Dibenzo(a,h)anthracene	28.200	278	1109088	29.967 ng/ul	98
96) Benzo(g,h,i)perylene	29.223	276	1031983	29.991 ng/ul	98

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

Instrument :
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ClientSampleId :
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