

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015923.D
 Acq On : 02 Jul 2023 14:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 01:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	499776	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	2152284	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	1257520	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	2434441	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	1519020	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	1783142	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	102163	7.355	ng/uL	0.00
4) Pyridine-d5	3.817	84	763100	21.793	ng/u1	0.00
7) Phenol-d5	7.222	99	988286	23.112	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	632506	23.908	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	733148	22.713	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	770860	22.819	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	380808	23.152	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	432076	22.507	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	743806	21.742	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	1003256	22.829	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	2061458	21.209	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	2398913	21.956	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	244839	19.089	ng/u1	0.00
60) Fluorene-d10	15.692	176	1705214	21.307	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	278385	18.594	ng/u1	0.00
73) Anthracene-d10	17.557	188	2422555	21.785	ng/u1	0.00
81) Pyrene-d10	19.786	212	2174967	21.928	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1891547	21.029	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	111216	7.440	ng/uL	96
5) Pyridine	3.834	79	785166	21.434	ng/u1	95
6) Benzaldehyde	7.187	77	432095	24.993	ng/u1	96
8) Phenol	7.252	94	1045537	23.562	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.463	93	836052	23.680	ng/u1	99
12) 2-Chlorophenol	7.610	128	773162	22.545	ng/u1	99
13) 2-Methylphenol	8.510	108	786179	23.465	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1230978	25.527	ng/u1	97
16) Acetophenone	8.887	105	1270346	22.876	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.863	70	687061	22.277	ng/u1	99
18) 4-Methylphenol	8.846	108	848646	23.575	ng/u1	98
19) Hexachloroethane	9.122	117	325899	20.576	ng/u1	92
22) Nitrobenzene	9.275	77	1014091	21.954	ng/u1	96
23) Isophorone	9.804	82	1922587	21.750	ng/u1	99
25) 2-Nitrophenol	9.993	139	459049	22.531	ng/u1	90
26) 2,4-Dimethylphenol	10.052	107	931133	20.790	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.275	93	1171039	23.468	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	747099	21.966	ng/u1	99
30) Naphthalene	10.922	128	2528539	21.611	ng/u1	100
32) 4-Chloroaniline	11.051	127	1045254	22.893	ng/u1	98
33) Hexachlorobutadiene	11.187	225	468251	18.231	ng/u1	99
34) Caprolactam	11.869	113	249460m	23.979	ng/u1	
35) 4-Chloro-3-methylphenol	12.187	107	858179	21.556	ng/u1	99
36) 2-Methylnaphthalene	12.528	142	1665063	21.618	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015923.D
 Acq On : 02 Jul 2023 14:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Quant Time: Jul 03 01:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	1667655	21.224	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.898	216	885724	21.374	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	181149	14.612	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	576075	21.997	ng/ul	98
42) 2,4,5-Trichlorophenol	13.240	196	637751	22.959	ng/ul	99
43) 1,1'-Biphenyl	13.528	154	2198539	22.073	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	1731910	22.072	ng/ul	98
45) 2-Nitroaniline	13.804	65	591915	23.975	ng/ul	94
47) Dimethylphthalate	14.151	163	2144967	21.324	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	460062	22.547	ng/ul	93
50) Acenaphthylene	14.422	152	2657662	22.075	ng/ul	100
51) 3-Nitroaniline	14.640	138	404564	25.284	ng/ul	94
52) Acenaphthene	14.763	153	1812278	21.708	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	257655	23.801	ng/ul	84
55) 4-Nitrophenol	14.969	109	274024	20.616	ng/ul#	80
56) Dibenzofuran	15.098	168	2461251	21.237	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	603747	21.713	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.339	232	493534	20.685	ng/ul	98
59) Diethylphthalate	15.510	149	2174144	21.359	ng/ul	98
61) Fluorene	15.751	166	1985853	21.126	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	982133	20.419	ng/ul	95
63) 4-Nitroaniline	15.816	138	279671	25.538	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.869	198	282966	18.680	ng/ul	97
67) N-Nitrosodiphenylamine	15.957	169	1691079	23.204	ng/ul	99
68) 4-Bromophenyl-phenylether	16.634	248	605220	21.771	ng/ul	90
69) Hexachlorobenzene	16.763	284	674333	20.558	ng/ul	98
70) Atrazine	16.916	200	616104	22.085	ng/ul	97
71) Pentachlorophenol	17.122	266	302754	19.231	ng/ul	97
72) Phenanthrene	17.504	178	2862997	21.648	ng/ul	99
74) Anthracene	17.598	178	2919454	21.969	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	892419	22.528	ng/ul	99
76) Pentachlorobenzene	15.022	250	845438	21.146	ng/ul	99
77) Carbazole	17.875	167	2474963	22.096	ng/ul	100
78) Di-n-butylphthalate	18.386	149	3639879	24.512	ng/ul	100
80) Fluoranthene	19.463	202	2809013	22.787	ng/ul#	94
82) Pyrene	19.822	202	2771615	22.041	ng/ul#	92
83) Butylbenzylphthalate	20.663	149	1353911	26.391	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	661527	19.265	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2331099	21.815	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	2011008	28.524	ng/ul	99
87) Chrysene	21.592	228	2224052	21.938	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	3078947	23.627	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2374098	20.721	ng/ul#	98
91) Benzo(k)fluoranthene	23.357	252	2372496	20.495	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	2138261	21.358	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	2843905	20.925	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.804	278	2349068	21.043	ng/ul#	95
96) Benzo(g,h,i)perylene	27.639	276	2316080	20.715	ng/ul#	95

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

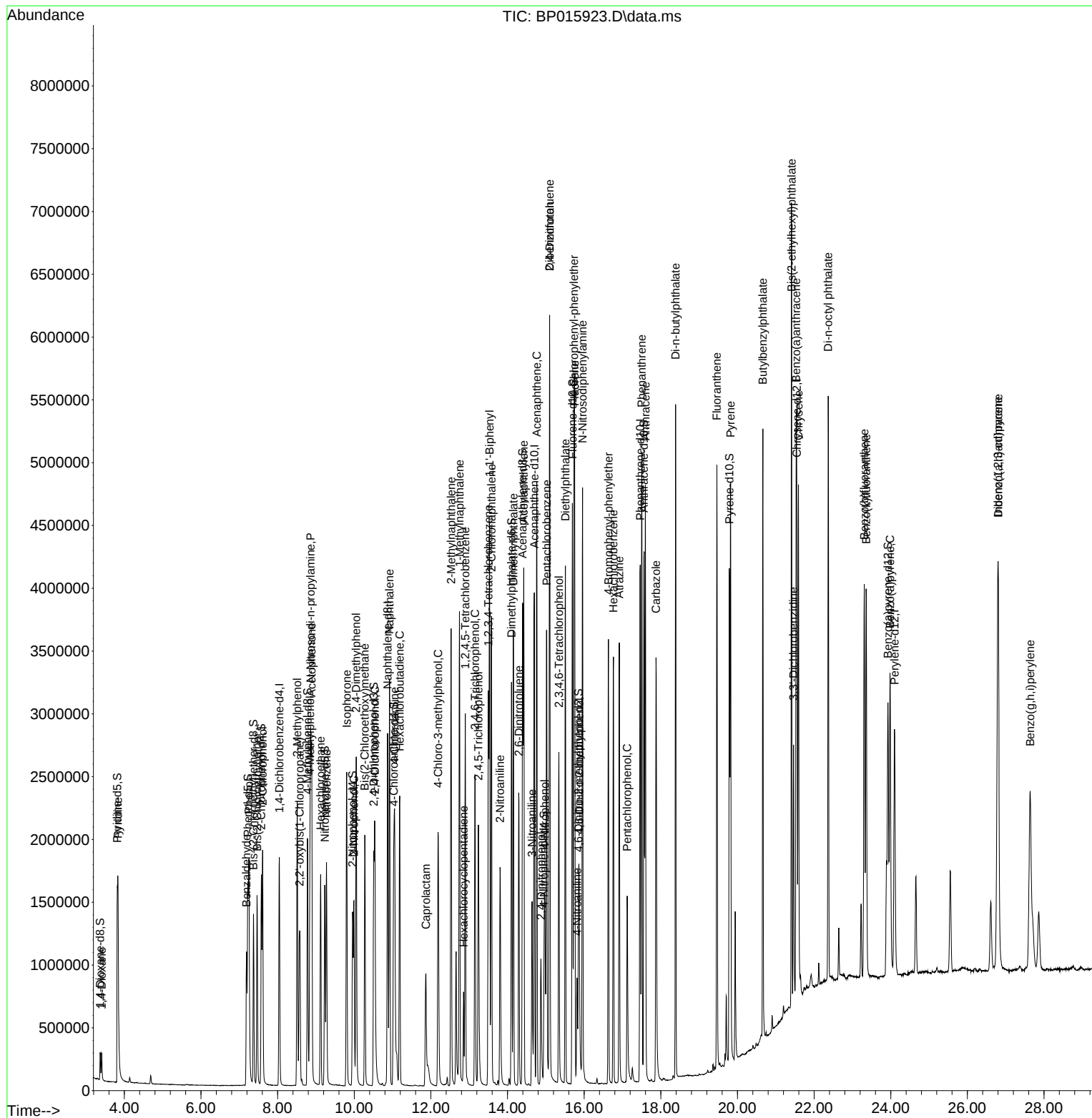
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015923.D
Acq On : 02 Jul 2023 14:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020783

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 01:28:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration



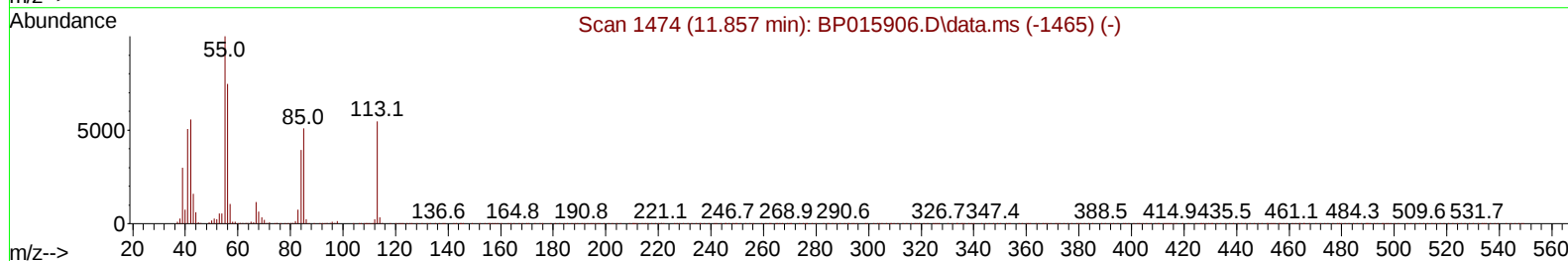
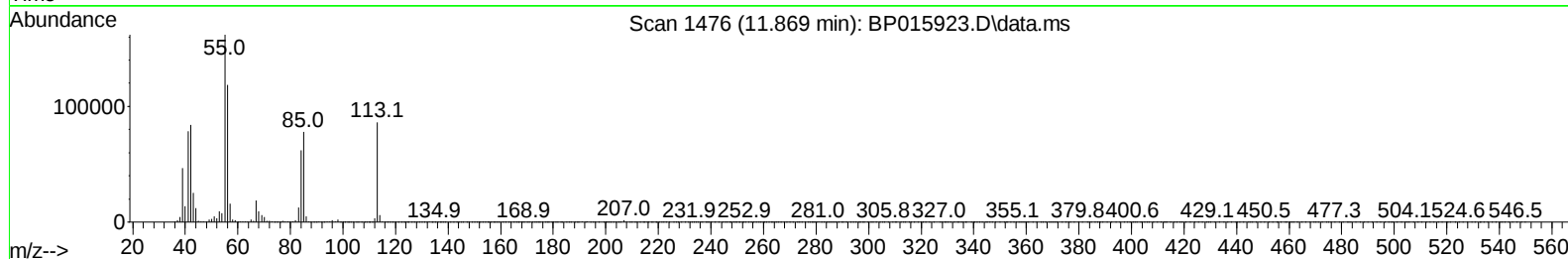
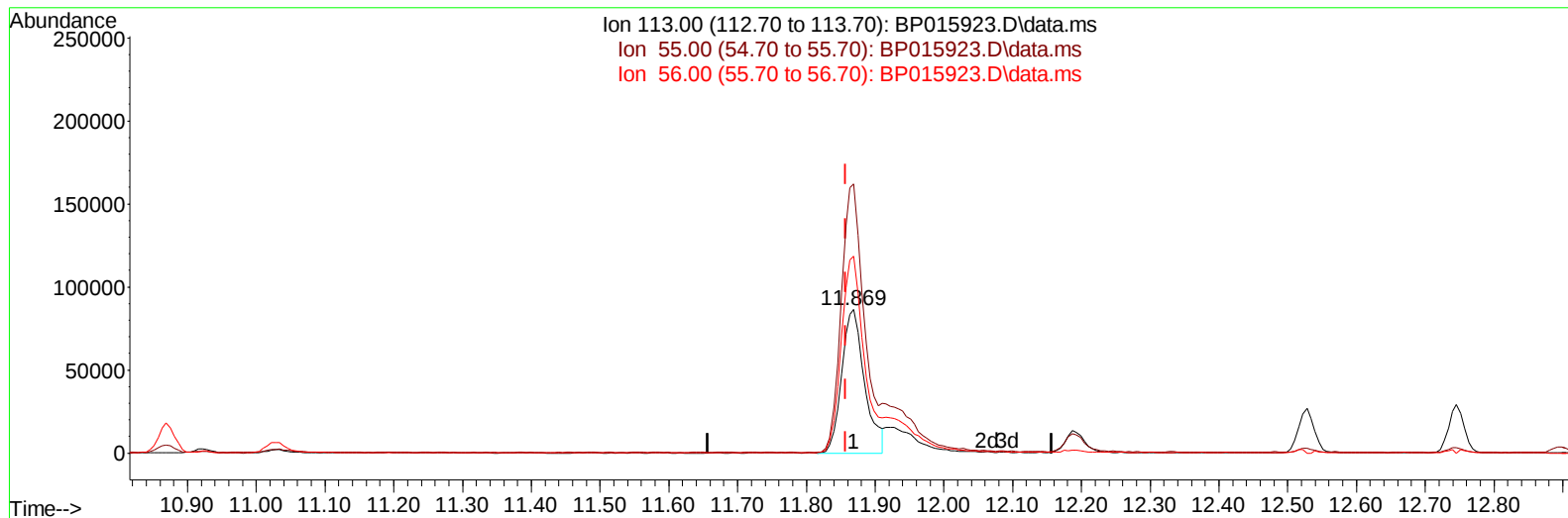
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015923.D
 Acq On : 02 Jul 2023 14:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 08:07:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration



TIC: BP015923.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 19.21 ng/ul

response 199876

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	187.34
56.00	146.10	137.35
0.00	0.00	0.00

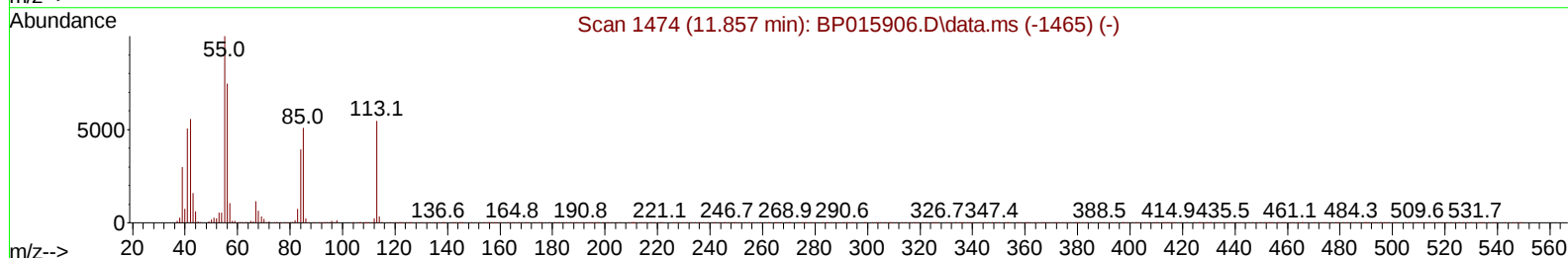
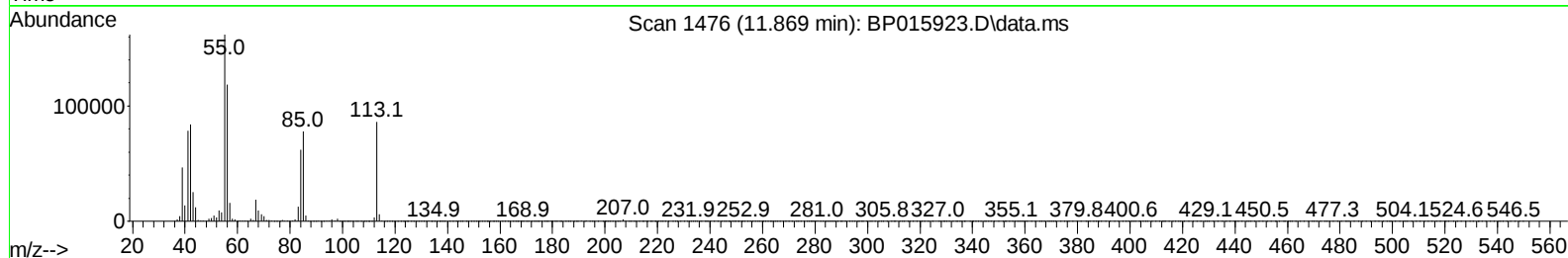
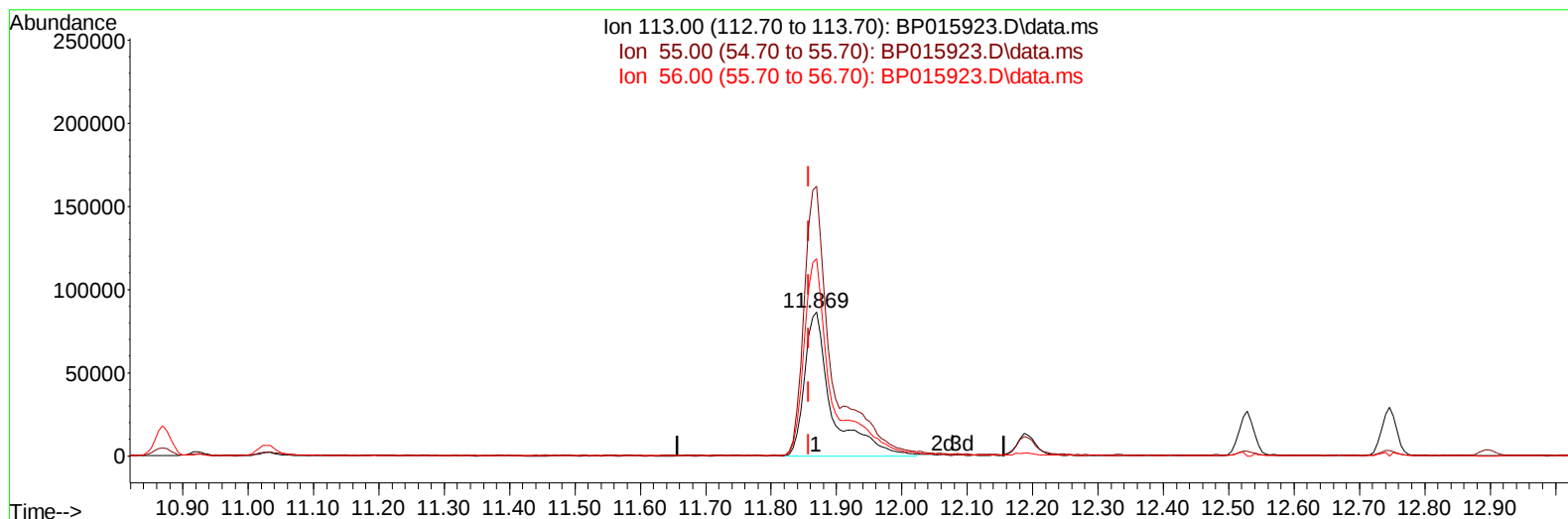
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015923.D
 Acq On : 02 Jul 2023 14:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 01:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration



TIC: BP015923.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 23.98 ng/ul m

response 249460

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	187.34
56.00	146.10	137.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015923.D
 Acq On : 02 Jul 2023 14:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Quant Time: Jul 03 01:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	499776	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	2152284	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	1257520	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	2434441	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1519020	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1783142	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	102163	7.355	ng/uL	0.00
4) Pyridine-d5	3.817	84	763100	21.793	ng/ul	0.00
7) Phenol-d5	7.222	99	988286	23.112	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	632506	23.908	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	733148	22.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	770860	22.819	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	380808	23.152	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	432076	22.507	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	743806	21.742	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	1003256	22.829	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	2061458	21.209	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	2398913	21.956	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	244839	19.089	ng/ul	0.00
60) Fluorene-d10	15.692	176	1705214	21.307	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	278385	18.594	ng/ul	0.00
73) Anthracene-d10	17.557	188	2422555	21.785	ng/ul	0.00
81) Pyrene-d10	19.786	212	2174967	21.928	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1891547	21.029	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	111216	7.440	ng/uL	96
5) Pyridine	3.834	79	785166	21.434	ng/ul	95
6) Benzaldehyde	7.187	77	432095	24.993	ng/ul	96
8) Phenol	7.252	94	1045537	23.562	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.463	93	836052	23.680	ng/ul	99
12) 2-Chlorophenol	7.610	128	773162	22.545	ng/ul	99
13) 2-Methylphenol	8.510	108	786179	23.465	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1230978	25.527	ng/ul	97
16) Acetophenone	8.887	105	1270346	22.876	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.863	70	687061	22.277	ng/ul	99
18) 4-Methylphenol	8.846	108	848646	23.575	ng/ul	98
19) Hexachloroethane	9.122	117	325899	20.576	ng/ul	92
22) Nitrobenzene	9.275	77	1014091	21.954	ng/ul	96
23) Isophorone	9.804	82	1922587	21.750	ng/ul	99
25) 2-Nitrophenol	9.993	139	459049	22.531	ng/ul	90
26) 2,4-Dimethylphenol	10.052	107	931133	20.790	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.275	93	1171039	23.468	ng/ul	98
29) 2,4-Dichlorophenol	10.540	162	747099	21.966	ng/ul	99
30) Naphthalene	10.922	128	2528539	21.611	ng/ul	100
32) 4-Chloroaniline	11.051	127	1045254	22.893	ng/ul	98
33) Hexachlorobutadiene	11.187	225	468251	18.231	ng/ul	99
34) Caprolactam	11.869	113	249460m	23.979	ng/ul	
35) 4-Chloro-3-methylphenol	12.187	107	858179	21.556	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015923.D
 Acq On : 02 Jul 2023 14:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Quant Time: Jul 03 01:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.528	142	1665063	21.618	ng/ul	97
37) 1-Methylnaphthalene	12.745	142	1667655	21.224	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.898	216	885724	21.374	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	181149	14.612	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	576075	21.997	ng/ul	98
42) 2,4,5-Trichlorophenol	13.240	196	637751	22.959	ng/ul	99
43) 1,1'-Biphenyl	13.528	154	2198539	22.073	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	1731910	22.072	ng/ul	98
45) 2-Nitroaniline	13.804	65	591915	23.975	ng/ul	94
47) Dimethylphthalate	14.151	163	2144967	21.324	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	460062	22.547	ng/ul	93
50) Acenaphthylene	14.422	152	2657662	22.075	ng/ul	100
51) 3-Nitroaniline	14.640	138	404564	25.284	ng/ul	94
52) Acenaphthene	14.763	153	1812278	21.708	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	257655	23.801	ng/ul	84
55) 4-Nitrophenol	14.969	109	274024	20.616	ng/ul#	80
56) Dibenzofuran	15.098	168	2461251	21.237	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	603747	21.713	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.339	232	493534	20.685	ng/ul	98
59) Diethylphthalate	15.510	149	2174144	21.359	ng/ul	98
61) Fluorene	15.751	166	1985853	21.126	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	982133	20.419	ng/ul	95
63) 4-Nitroaniline	15.816	138	279671	25.538	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.869	198	282966	18.680	ng/ul	97
67) N-Nitrosodiphenylamine	15.957	169	1691079	23.204	ng/ul	99
68) 4-Bromophenyl-phenylether	16.634	248	605220	21.771	ng/ul	90
69) Hexachlorobenzene	16.763	284	674333	20.558	ng/ul	98
70) Atrazine	16.916	200	616104	22.085	ng/ul	97
71) Pentachlorophenol	17.122	266	302754	19.231	ng/ul	97
72) Phenanthrene	17.504	178	2862997	21.648	ng/ul	99
74) Anthracene	17.598	178	2919454	21.969	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	892419	22.528	ng/uL	99
76) Pentachlorobenzene	15.022	250	845438	21.146	ng/uL	99
77) Carbazole	17.875	167	2474963	22.096	ng/ul	100
78) Di-n-butylphthalate	18.386	149	3639879	24.512	ng/ul	100
80) Fluoranthene	19.463	202	2809013	22.787	ng/ul#	94
82) Pyrene	19.822	202	2771615	22.041	ng/ul#	92
83) Butylbenzylphthalate	20.663	149	1353911	26.391	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	661527	19.265	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2331099	21.815	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	2011008	28.524	ng/ul	99
87) Chrysene	21.592	228	2224052	21.938	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	3078947	23.627	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2374098	20.721	ng/ul#	98
91) Benzo(k)fluoranthene	23.357	252	2372496	20.495	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	2138261	21.358	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	2843905	20.925	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.804	278	2349068	21.043	ng/ul#	95
96) Benzo(g,h,i)perylene	27.639	276	2316080	20.715	ng/ul#	95

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

Instrument :

BNA_P

ClientSampleId :

SSTD020783

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023

