Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012521\
Data File : BP004622.D
Acq On : 25 Jan 2021 13:40
Operator : CG/JU
Sample : L5214-05
Misc : SFAM-MDL-ME-01
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 14:10:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 25 10:20:29 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT1-2021-01

Manual Integrations APPROVED
mohammad
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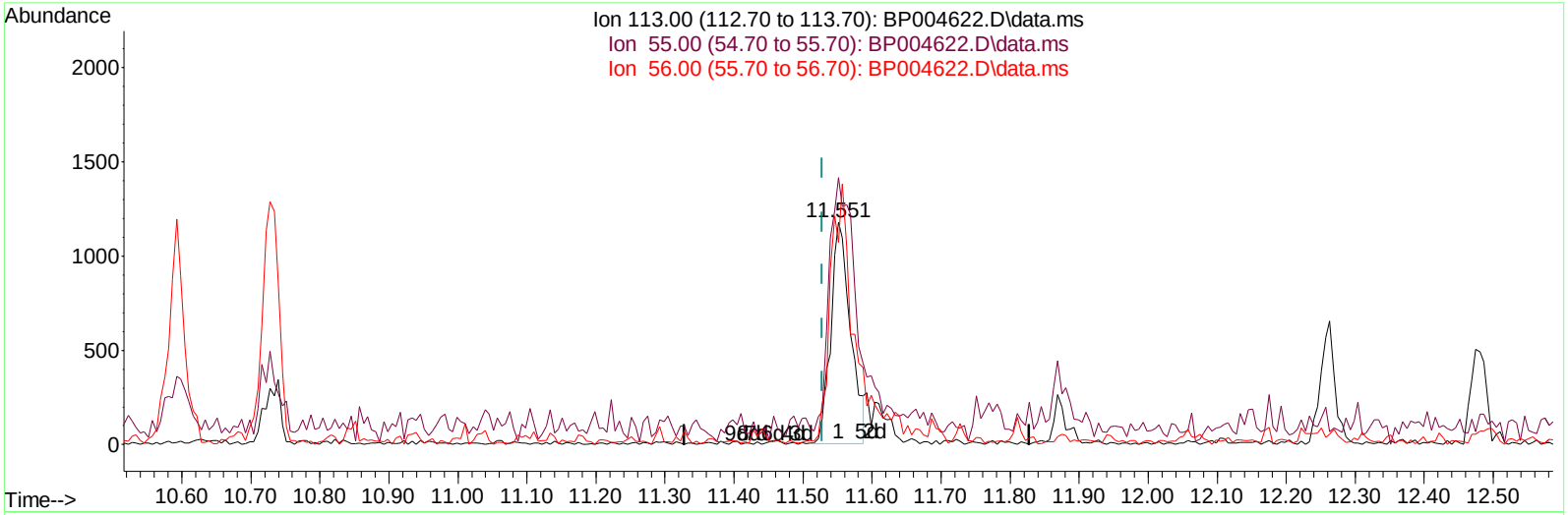

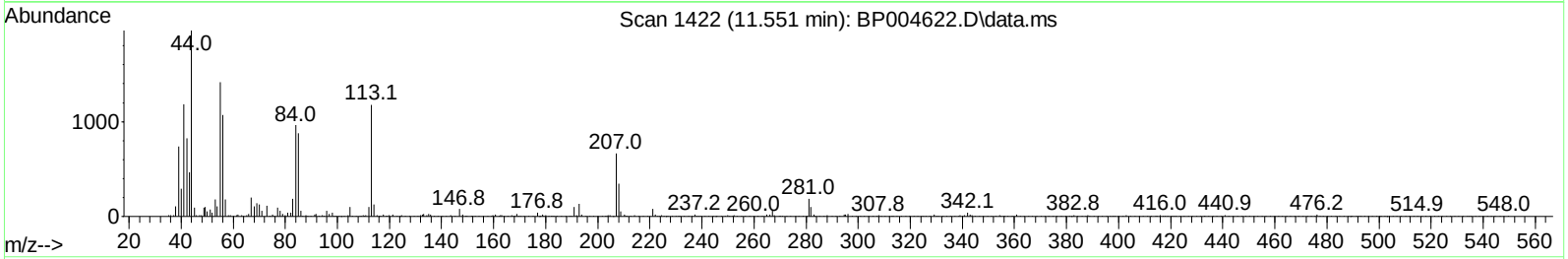

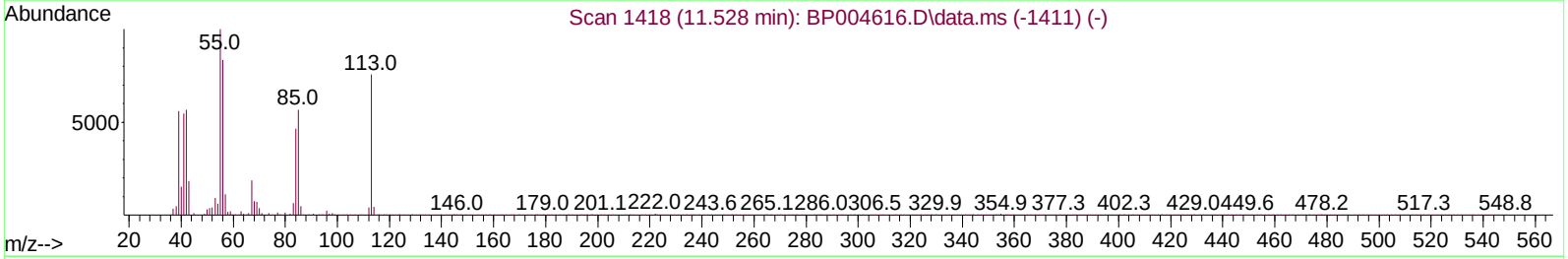

TIC: BP004622.D\data.ms

(34) Caprolactam

11.551min (+ 0.023) 2.98 ng/ul

response 2340

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	119.92
56.00	102.40	90.85
0.00	0.00	0.00

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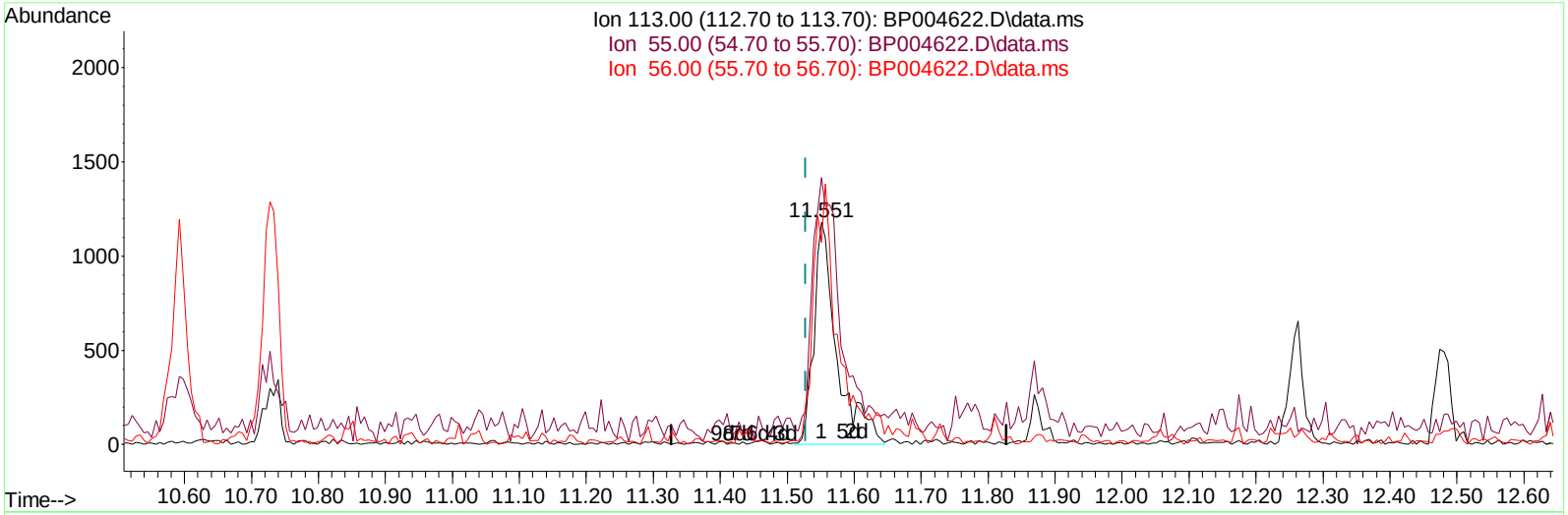

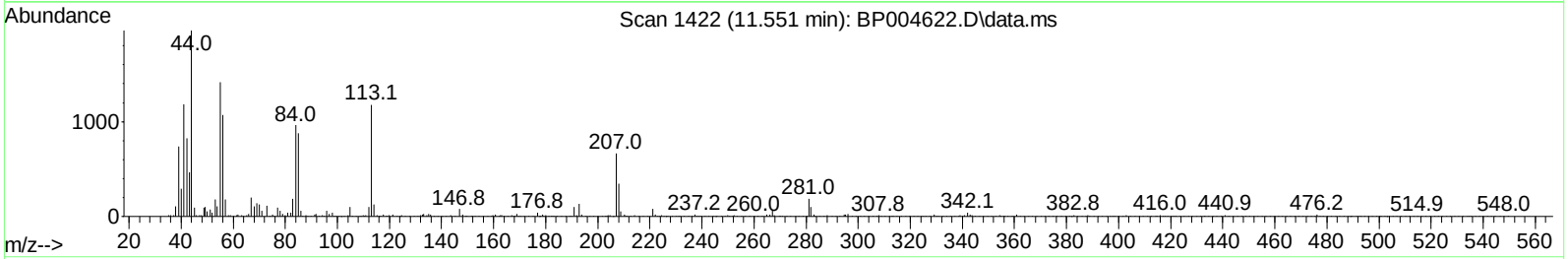

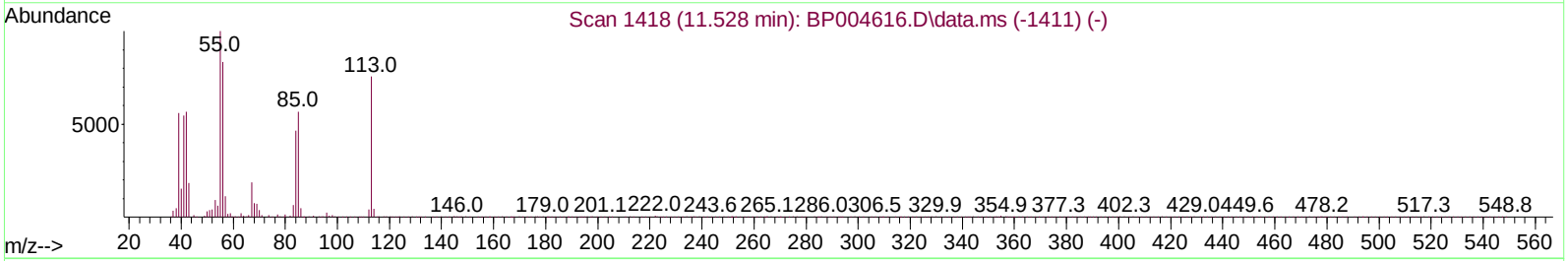

TIC: BP004622.D\data.ms

(34) Caprolactam

11.551min (+ 0.023) 3.60 ng/ul m

response 2828

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	119.92
56.00	102.40	90.85
0.00	0.00	0.00

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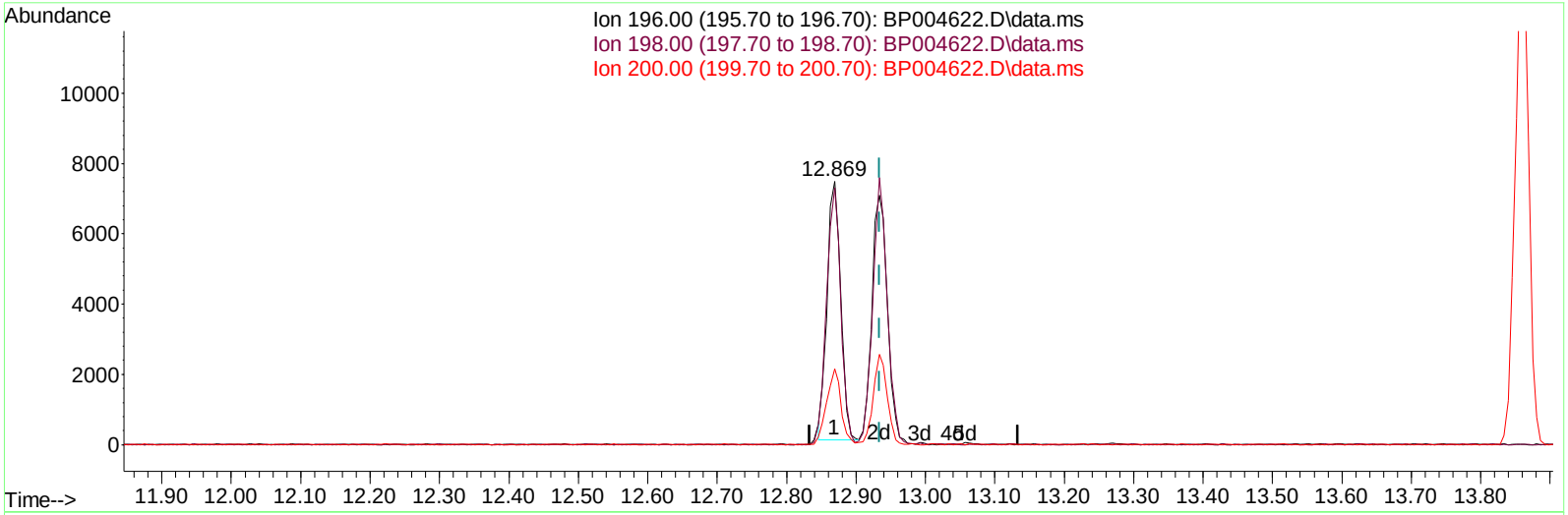

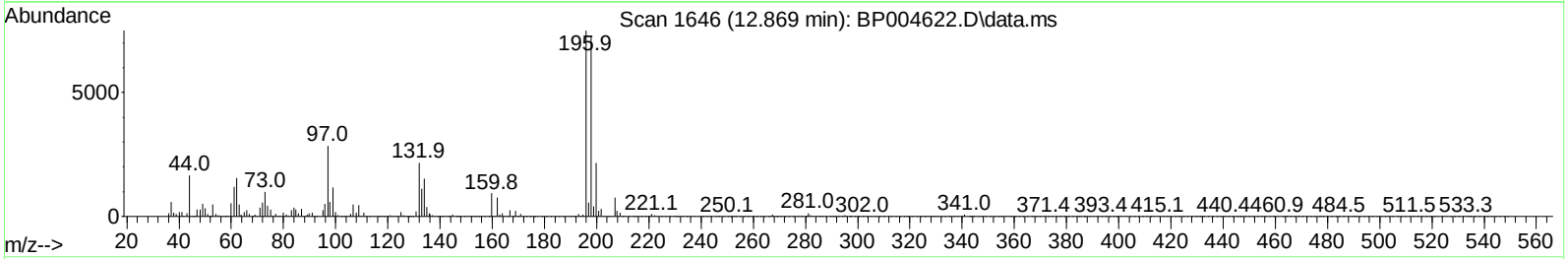

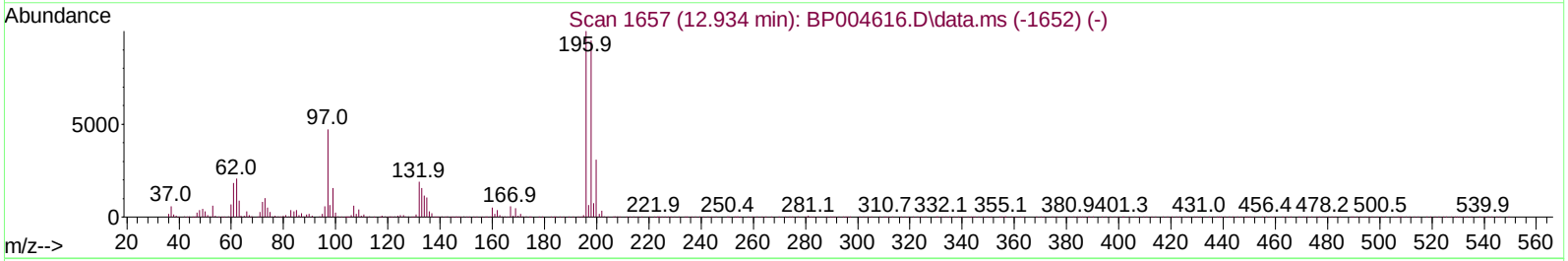

TIC: BP004622.D\data.ms

(42) 2,4,5-Trichlorophenol

12.869min (-0.065) 3.52 ng/ul

response 10112

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.00	97.45
200.00	29.50	28.78
0.00	0.00	0.00

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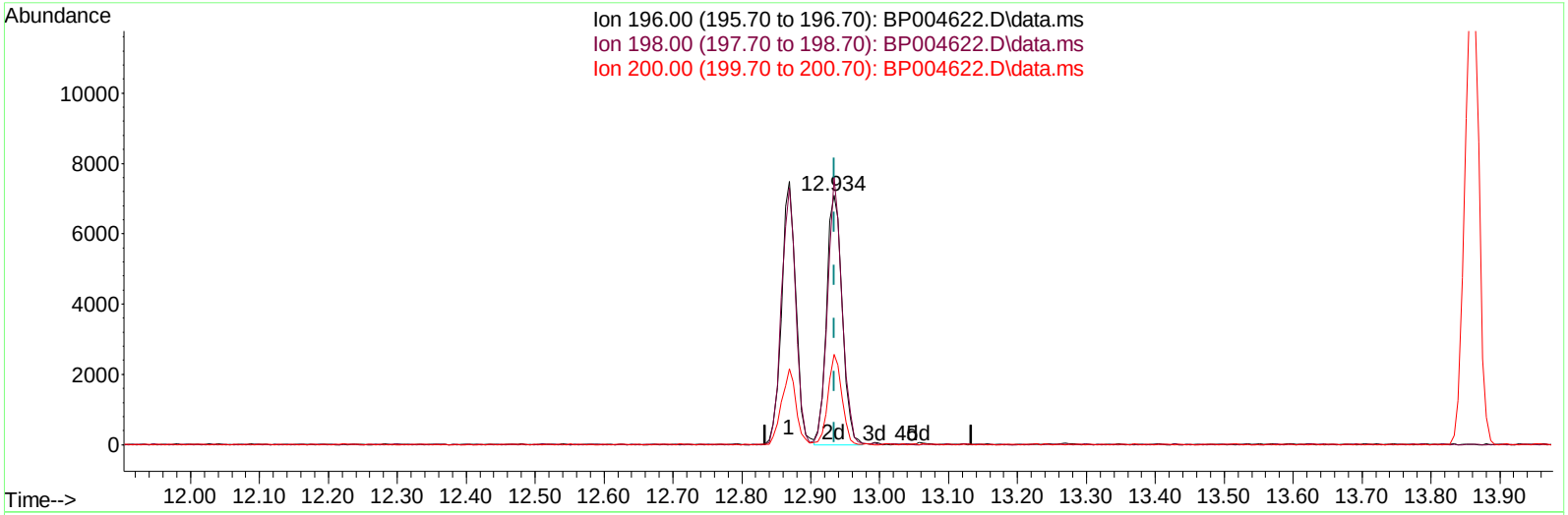

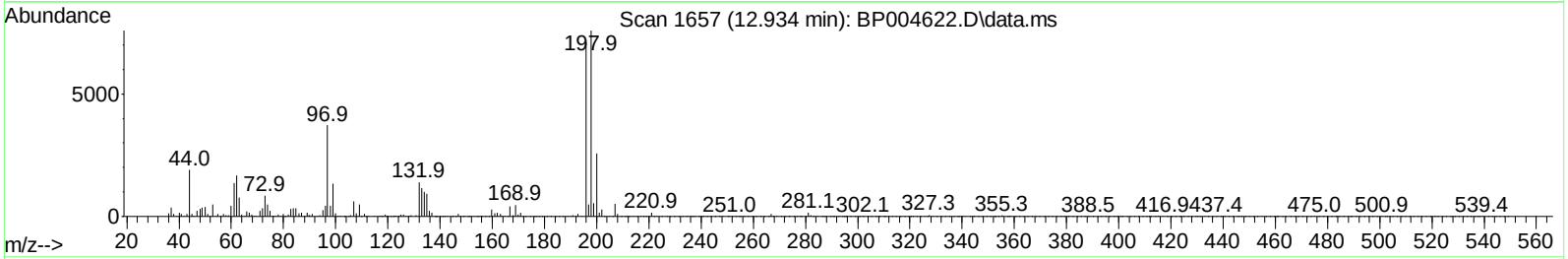

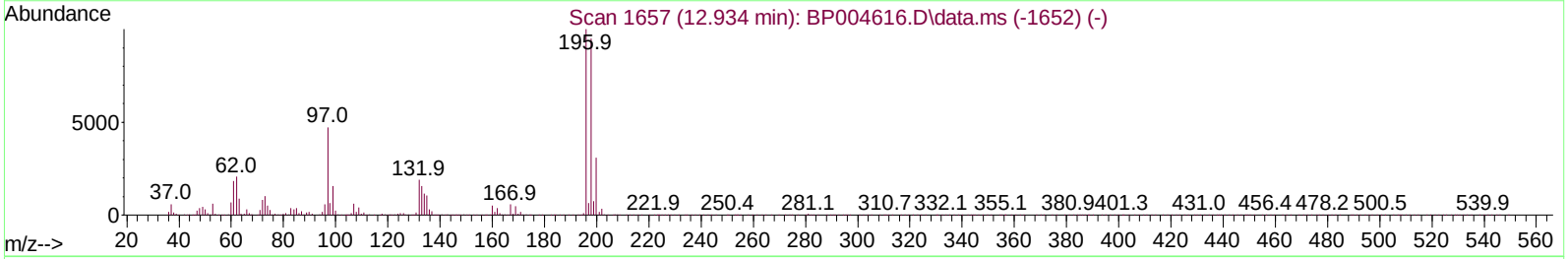

TIC: BP004622.D\data.ms

(42) 2,4,5-Trichlorophenol

12.934min (-0.000) 3.89 ng/ul m

response 11178

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.00	106.93
200.00	29.50	36.10#
0.00	0.00	0.00

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Sample : L5214-05
Misc : SFAM-MDL-ME-01
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual Integrations APPROVED
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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	7.799	152	39803	20.00	ng/ul	0.00
20) Naphthalene-d8	10.593	136	137440	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	110931	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	282751	20.00	ng/ul	0.00
79) Chrysene-d12	21.280	240	319021	20.00	ng/ul	0.00
88) Perylene-d12	23.604	264	303170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	2760	3.36	ng/uL	0.00
4) Pyridine-d5	3.687	84	39544	17.81	ng/ul	0.00
7) Phenol-d5	6.963	99	107974	34.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	64810	37.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	81375	34.26	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	86477	33.84	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	38642	35.56	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	47899	33.78	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	103081	34.09	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	110175	34.14	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	353273	37.45	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	409622	38.04	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	49112	34.08	ng/ul	0.00
60) Fluorene-d10	15.439	176	307967	36.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	64383	31.41	ng/ul	0.00
73) Anthracene-d10	17.298	188	512640	36.07	ng/ul	0.00
81) Pyrene-d10	19.533	212	638753	35.31	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	623230	36.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	1069	1.24	ng/uL	89
5) Pyridine	3.716	79	9357	4.17	ng/ul#	55
6) Benzaldehyde	6.940	77	7468	5.07	ng/ul#	87
8) Phenol	6.987	94	12583	3.99	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	9735	4.06	ng/ul	98
12) 2-Chlorophenol	7.363	128	9895	4.19	ng/ul	94
13) 2-Methylphenol	8.234	108	9180	3.69	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.328	45	10055	4.16	ng/ul	96
16) Acetophenone	8.622	105	15735	3.74	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	7999	3.58	ng/ul#	97
18) 4-Methylphenol	8.563	108	9594	3.58	ng/ul	95
19) Hexachloroethane	8.875	117	4312	3.55	ng/ul	86
22) Nitrobenzene	8.999	77	13921	4.26	ng/ul	92
23) Isophorone	9.528	82	21926	3.68	ng/ul	98
25) 2-Nitrophenol	9.704	139	5697	4.09	ng/ul#	84
26) 2,4-Dimethylphenol	9.769	107	12698	4.10	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.010	93	12687	4.18	ng/ul	98
29) 2,4-Dichlorophenol	10.240	162	11752	4.12	ng/ul	95
30) Naphthalene	10.645	128	31159	4.11	ng/ul	98
32) 4-Chloroaniline	10.751	127	12523	3.97	ng/ul	94
33) Hexachlorobutadiene	10.934	225	10837	4.31	ng/ul	94
34) Caprolactam	11.551	113	2828m	3.60	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	10769	3.84	ng/ul	98

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Quant Time: Jan 25 14:10:35 2021
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	24815	4.10	ng/ul	96
37) 1-Methylnaphthalene	12.481	142	23576	4.06	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.628	216	18472	4.16	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	11049	3.24	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	10842	3.95	ng/ul	95
42) 2,4,5-Trichlorophenol	12.934	196	11178m	3.89	ng/ul	
43) 1,1'-Biphenyl	13.275	154	36620	4.23	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	29409	4.10	ng/ul	97
45) 2-Nitroaniline	13.522	65	6583	3.34	ng/ul	94
47) Dimethylphthalate	13.904	163	38760	4.11	ng/ul	97
48) 2,6-Dinitrotoluene	14.022	165	6965	3.62	ng/ul	91
50) Acenaphthylene	14.163	152	41583	4.08	ng/ul	98
51) 3-Nitroaniline	14.345	138	5054	3.97	ng/ul	84
52) Acenaphthene	14.510	153	29310	4.02	ng/ul	93
53) 2,4-Dinitrophenol	14.545	184	4343	3.33	ng/ul	87
55) 4-Nitrophenol	14.651	109	7167	3.99	ng/ul	82
56) Dibenzofuran	14.845	168	46173	4.18	ng/ul	98
57) 2,4-Dinitrotoluene	14.804	165	9825	3.64	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.069	232	11064	3.86	ng/ul#	95
59) Diethylphthalate	15.275	149	35333	3.85	ng/ul	97
61) Fluorene	15.498	166	38054	4.10	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	22357	4.08	ng/ul	97
63) 4-Nitroaniline	15.504	138	5382	4.30	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.569	198	7938	3.69	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	32673	3.85	ng/ul	95
68) 4-Bromophenyl-phenylether	16.392	248	15073	3.81	ng/ul	97
69) Hexachlorobenzene	16.498	284	18163	4.10	ng/ul#	92
70) Atrazine	16.663	200	14195	3.63	ng/ul	97
71) Pentachlorophenol	16.845	266	9688	3.41	ng/ul	97
72) Phenanthrene	17.239	178	67495	4.13	ng/ul	97
74) Anthracene	17.333	178	66485	3.97	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	19399	4.17	ng/uL	95
76) Pentachlorobenzene	14.763	250	18694	3.67	ng/uL	95
77) Carbazole	17.598	167	54949	3.97	ng/ul	97
78) Di-n-butylphthalate	18.169	149	61262	3.71	ng/ul	97
80) Fluoranthene	19.210	202	85340	3.70	ng/ul	99
82) Pyrene	19.563	202	88363	3.80	ng/ul	99
83) Butylbenzylphthalate	20.445	149	25826	3.38	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.204	252	25630	3.21	ng/ul#	92
85) Benzo(a)anthracene	21.263	228	89487	4.11	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	39501	3.60	ng/ul#	98
87) Chrysene	21.316	228	84518	4.08	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	64474	3.78	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	88583	4.35	ng/ul	100
91) Benzo(k)fluoranthene	22.945	252	83484	4.17	ng/ul	100
93) Benzo(a)pyrene	23.504	252	75891	4.10	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.986	276	99828	4.16	ng/ul	99
95) Dibenzo(a,h)anthracene	26.009	278	84495	4.13	ng/ul	96
96) Benzo(g,h,i)perylene	26.715	276	82429	4.15	ng/ul	94

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

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