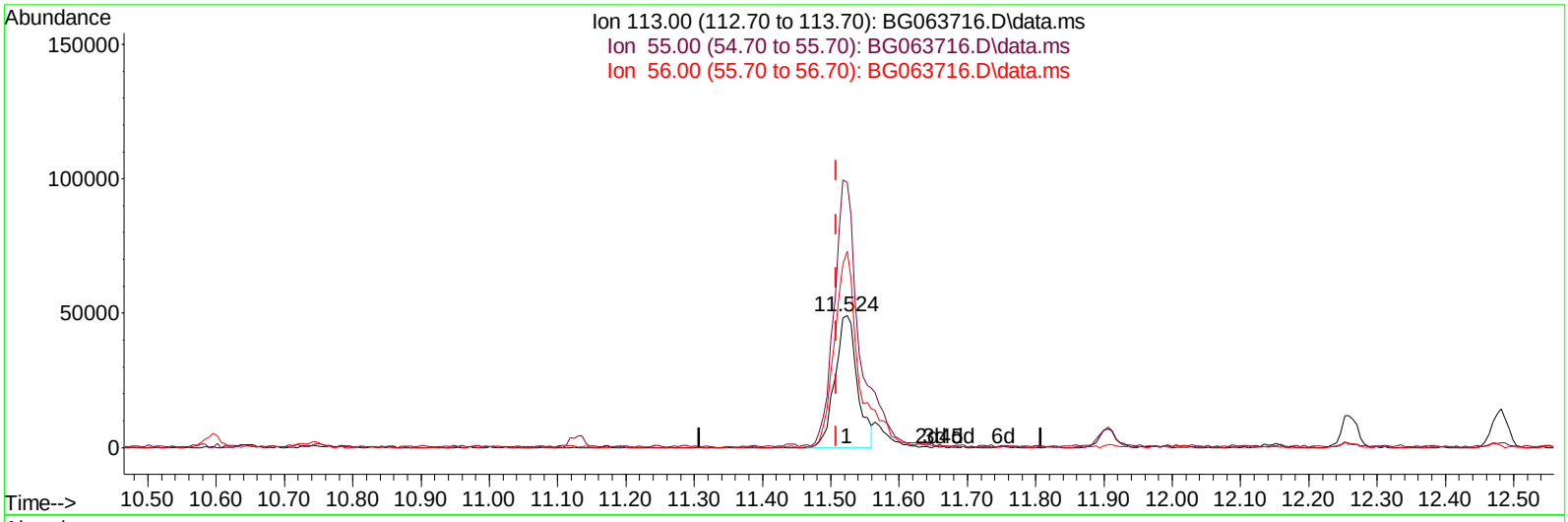
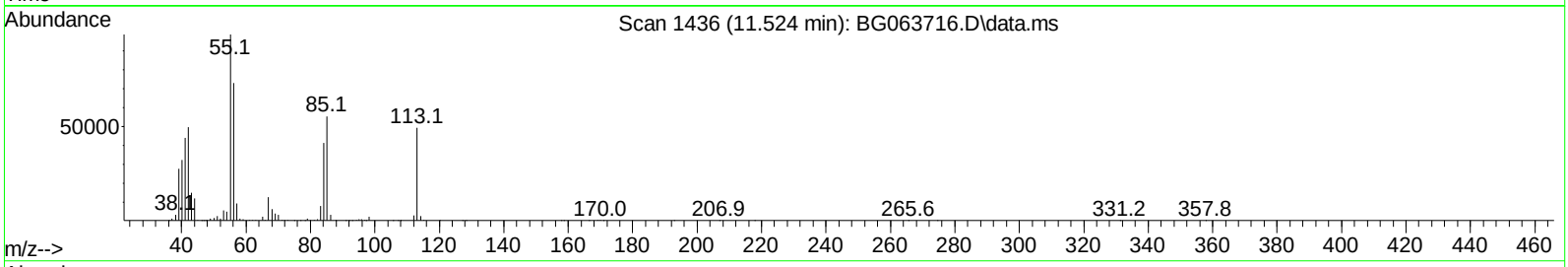
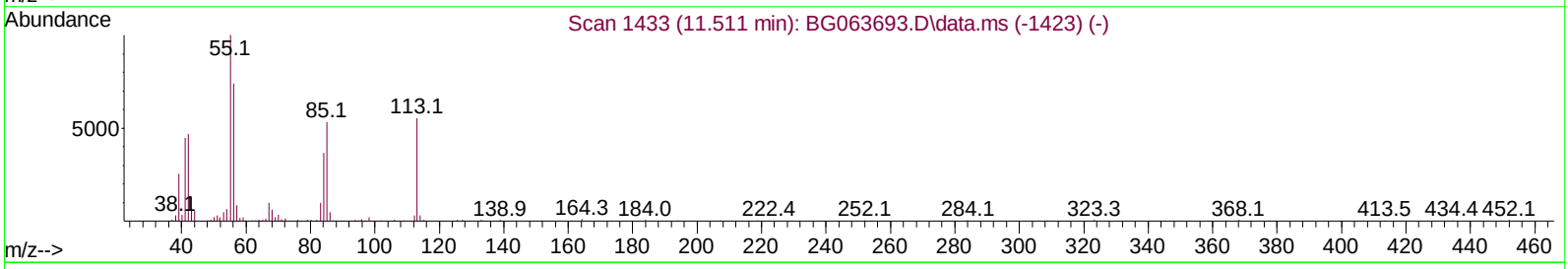
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
Data File : BG063716.D
Acq On : 18 Dec 2024 2:49
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 18 05:13:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration







TIC: BG063716.D\data.ms

(34) Caprolactam

11.524min (+ 0.016) 34.45 ng/ul

response 112353

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	200.73
56.00	133.90	148.71
0.00	0.00	0.00

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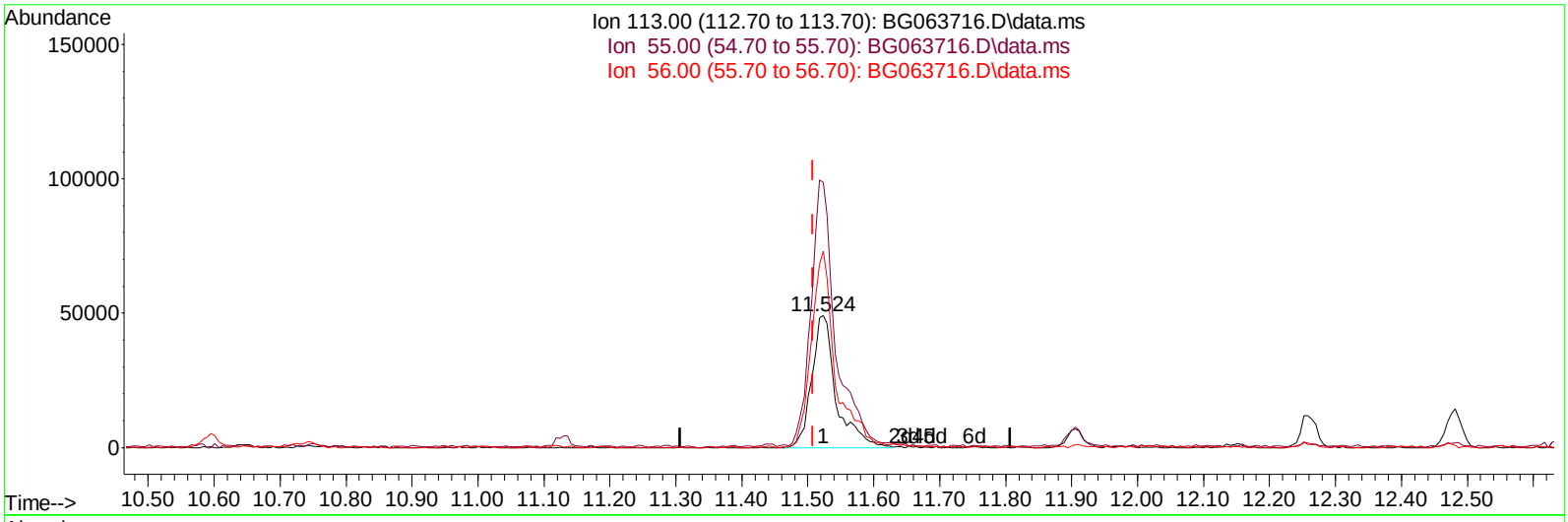

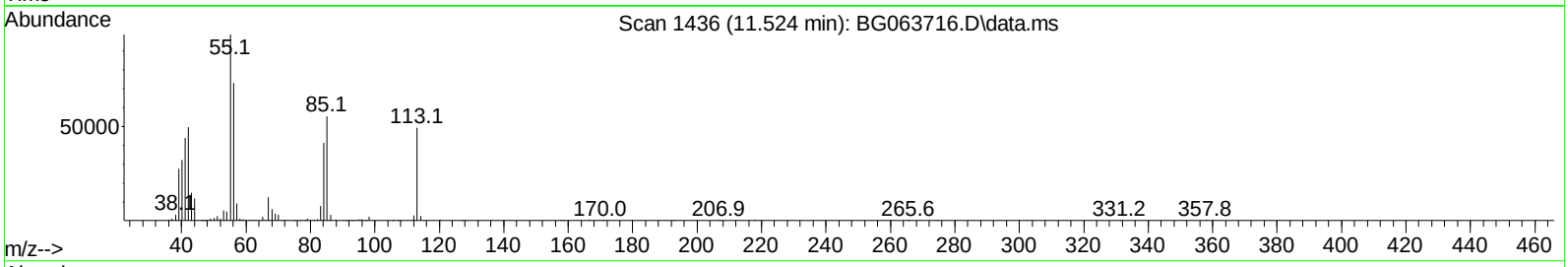

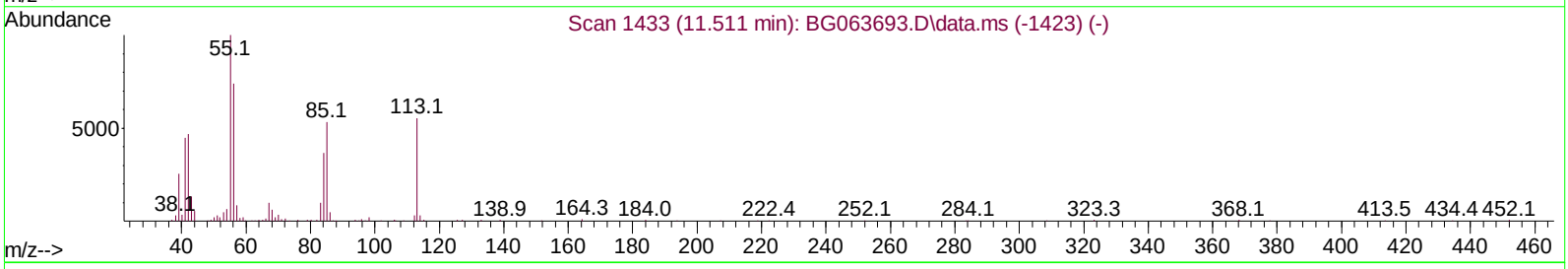

TIC: BG063716.D\data.ms

(34) Caprolactam

11.524min (+ 0.016) 38.74 ng/ul m

response 126324

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	200.73
56.00	133.90	148.71
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
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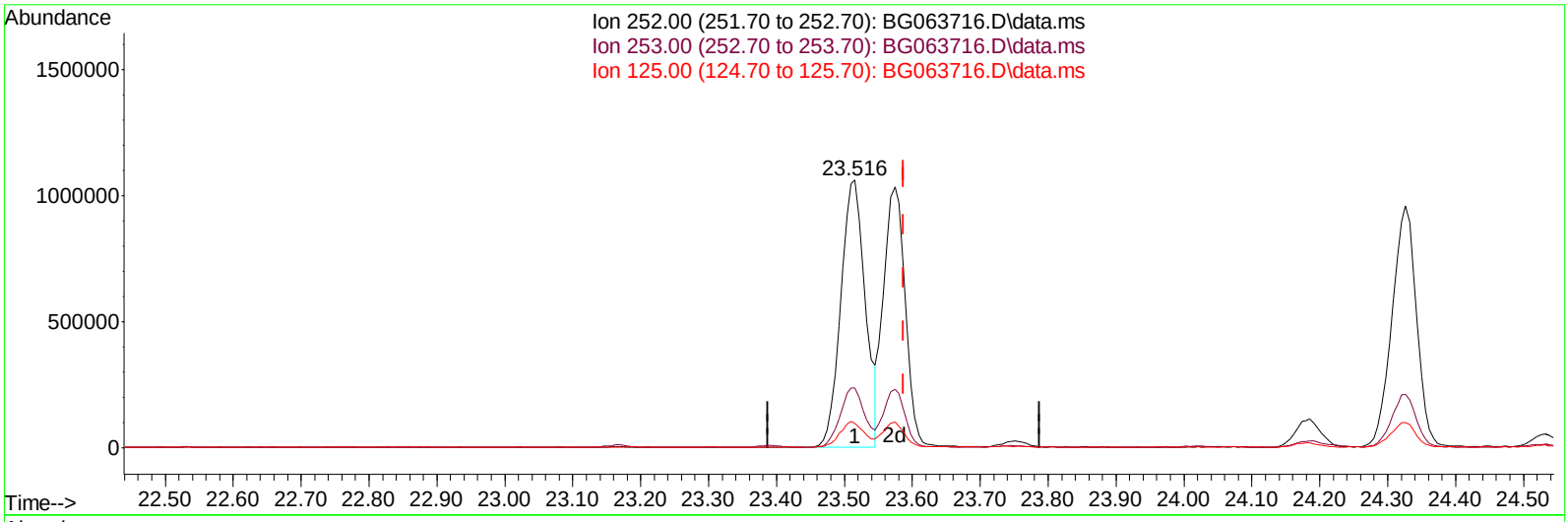

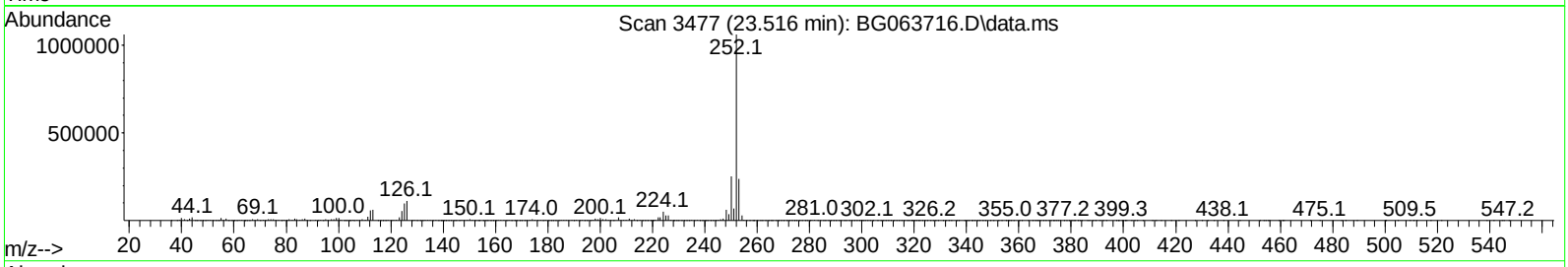

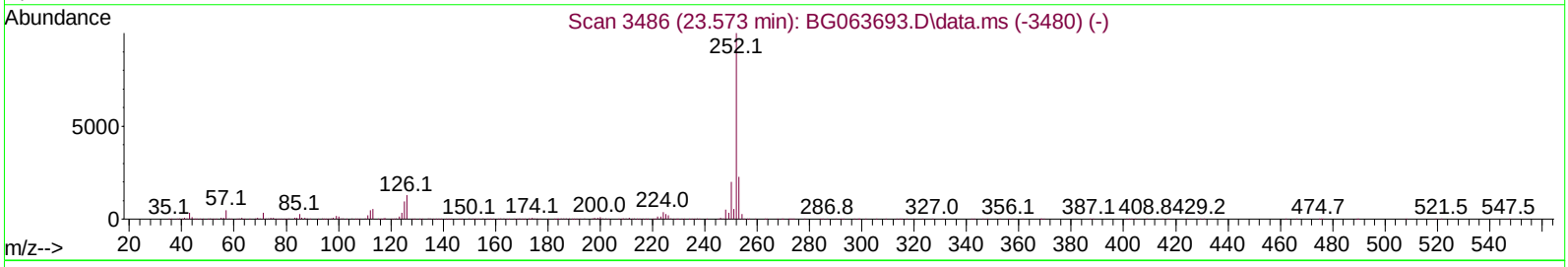

TIC: BG063716.D\data.ms

(91) Benzo(k)fluoranthene

23.516min (-0.072) 44.92 ng/ul

response 2668841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.29
125.00	8.10	9.08
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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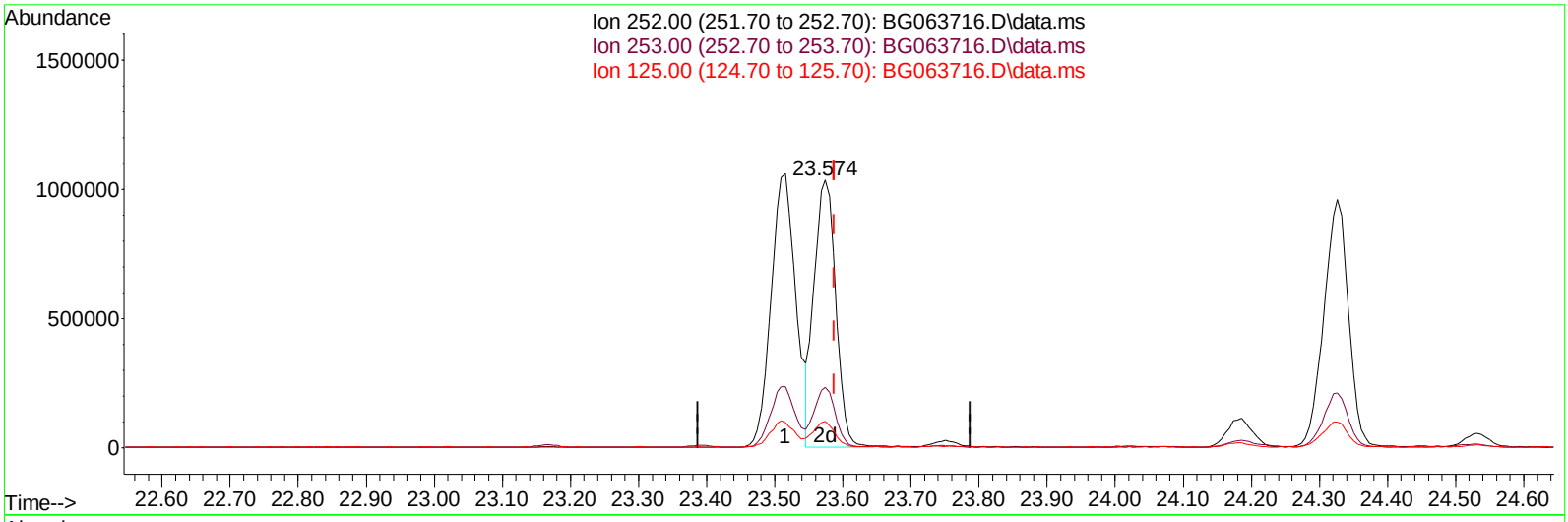

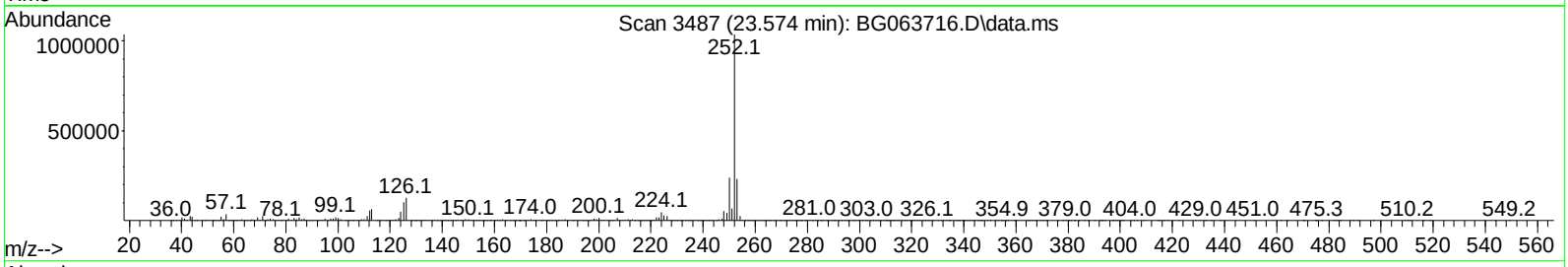

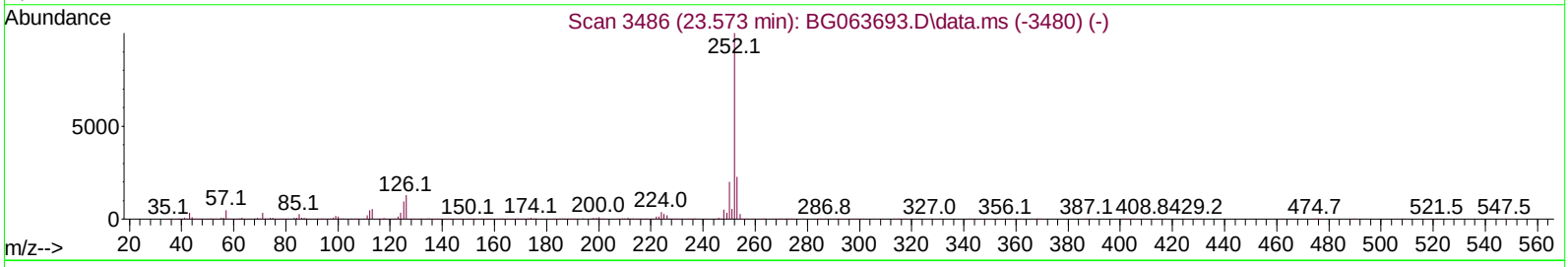

TIC: BG063716.D\data.ms

(91) Benzo(k)fluoranthene

23.574min (-0.013) 38.78 ng/ul m

response 2303938

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.45
125.00	8.10	9.91#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG063716.D
Acq On : 18 Dec 2024 2:49
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 18 05:21:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	148214	20.000	ng/ul	0.00
20) Naphthalene-d8	10.595	136	612726	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.444	164	481212	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.199	188	1070353	20.000	ng/ul	0.00
79) Chrysene-d12	21.447	240	956705	20.000	ng/ul	-0.01
88) Perylene-d12	24.462	264	1047906	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	15639	4.135	ng/uL	-0.01
4) Pyridine-d5	3.674	84	242618	20.335	ng/ul	-0.01
7) Phenol-d5	6.994	99	318592	23.340	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.135	67	203109	21.543	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.346	132	209438	23.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.527	113	201739	19.036	ng/ul	0.00
21) Nitrobenzene-d5	8.962	128	117577	26.875	ng/ul	0.00
24) 2-Nitrophenol-d4	9.685	143	135360	27.602	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.231	165	255832	26.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	256370	21.266	ng/ul	-0.01
46) Dimethylphthalate-d6	13.850	166	854092	26.084	ng/ul	0.00
49) Acenaphthylene-d8	14.138	160	875516	23.456	ng/ul	0.00
54) 4-Nitrophenol-d4	14.679	143	105912	22.829	ng/ul	0.00
60) Fluorene-d10	15.443	176	671018	23.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.578	200	49284	8.868	ng/ul	0.00
73) Anthracene-d10	17.299	188	1000628	21.744	ng/ul	0.00
81) Pyrene-d10	19.597	212	1001898	20.125	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.256	264	758670	15.417	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.298	88	46874	10.472	ng/uL	94
5) Pyridine	3.692	79	350203	27.404	ng/ul	91
6) Benzaldehyde	6.947	77	52997	6.329	ng/ul	88
8) Phenol	7.023	94	513699	35.311	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.229	93	339443	30.496	ng/ul	95
12) 2-Chlorophenol	7.376	128	310692	34.732	ng/ul	96
13) 2-Methylphenol	8.263	108	361948	34.423	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	520235	31.483	ng/ul	99
16) Acetophenone	8.627	105	563004	31.320	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.610	70	323481	30.159	ng/ul	92
18) 4-Methylphenol	8.592	108	395044	34.328	ng/ul	98
19) Hexachloroethane	8.880	117	131691	29.961	ng/ul	93
22) Nitrobenzene	9.003	77	470942	32.236	ng/ul	98
23) Isophorone	9.526	82	876597	31.757	ng/ul	98
25) 2-Nitrophenol	9.714	139	188316	37.365	ng/ul	93
26) 2,4-Dimethylphenol	9.785	107	393382	34.397	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.008	93	486051	32.555	ng/ul	96
29) 2,4-Dichlorophenol	10.255	162	363635	38.544	ng/ul	95
30) Naphthalene	10.642	128	1121497	36.609	ng/ul	97
32) 4-Chloroaniline	10.754	127	272819	23.785	ng/ul	95
33) Hexachlorobutadiene	10.930	225	240538	31.383	ng/ul	97
34) Caprolactam	11.524	113	126324m	38.735	ng/ul	
35) 4-Chloro-3-methylphenol	11.906	107	432475	39.046	ng/ul	94

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.258	142	795619	36.136	ng/ul	98
37) 1-Methylnaphthalene	12.481	142	817383	36.447	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.634	216	496409	32.224	ng/ul	98
40) Hexachlorocyclopentadiene	12.611	237	37588	6.172	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	330489	37.958	ng/ul	97
42) 2,4,5-Trichlorophenol	12.963	196	358626	39.468	ng/ul	97
43) 1,1'-Biphenyl	13.275	154	1084919	34.187	ng/ul	93
44) 2-Chloronaphthalene	13.322	162	895323	35.133	ng/ul	98
45) 2-Nitroaniline	13.527	65	342747	40.153	ng/ul	96
47) Dimethylphthalate	13.903	163	1141405	34.781	ng/ul	98
48) 2,6-Dinitrotoluene	14.027	165	234580	38.489	ng/ul#	89
50) Acenaphthylene	14.168	152	1396130	34.883	ng/ul	99
51) 3-Nitroaniline	14.356	138	228848	40.612	ng/ul	95
52) Acenaphthene	14.514	153	1007346	35.510	ng/ul	97
53) 2,4-Dinitrophenol	14.579	184	45342	14.558	ng/ul	93
55) 4-Nitrophenol	14.696	109	151818	31.514	ng/ul	92
56) Dibenzofuran	14.849	168	1482432	37.066	ng/ul	97
57) 2,4-Dinitrotoluene	14.820	165	357673	39.495	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.084	232	301598	38.505	ng/ul	95
59) Diethylphthalate	15.266	149	1149621	36.237	ng/ul	98
61) Fluorene	15.501	166	1161168	36.360	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.490	204	617382	34.701	ng/ul	98
63) 4-Nitroaniline	15.525	138	249873	44.293	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.595	198	114904	20.070	ng/ul#	89
67) N-Nitrosodiphenylamine	15.707	169	1018069	39.279	ng/ul	99
68) 4-Bromophenyl-phenylether	16.383	248	408653	37.462	ng/ul	95
69) Hexachlorobenzene	16.512	284	449448	36.775	ng/ul	97
70) Atrazine	16.659	200	397994	36.325	ng/ul	98
71) Pentachlorophenol	16.859	266	194586	37.762	ng/ul	99
72) Phenanthrene	17.241	178	2044268	39.633	ng/ul	99
74) Anthracene	17.335	178	1912997	36.643	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	485163	33.973	ng/ul	97
76) Pentachlorobenzene	14.773	250	526475	37.213	ng/ul	98
77) Carbazole	17.605	167	1656132	39.190	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1980431	38.805	ng/ul	98
80) Fluoranthene	19.262	202	2387337	42.190	ng/ul	97
82) Pyrene	19.626	202	2514412	41.766	ng/ul	95
83) Butylbenzylphthalate	20.519	149	846503	45.806	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.348	252	455260	26.361	ng/ul	93
85) Benzo(a)anthracene	21.430	228	2333320	38.916	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.336	149	1261545	46.928	ng/ul	99
87) Chrysene	21.489	228	2251751	39.404	ng/ul	95
89) Di-n-octyl phthalate	22.470	149	2108012	46.607	ng/ul	100
90) Benzo(b)fluoranthene	23.516	252	2668841	44.811	ng/ul	99
91) Benzo(k)fluoranthene	23.574	252	2303938m	38.781	ng/ul	
93) Benzo(a)pyrene	24.326	252	2405582	43.031	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.881	276	2896534	42.427	ng/ul	98
95) Dibenzo(a,h)anthracene	27.922	278	2161915	39.576	ng/ul	94
96) Benzo(g,h,i)perylene	28.939	276	2373510	43.812	ng/ul	97

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

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