Quantitation Report (Qedit)

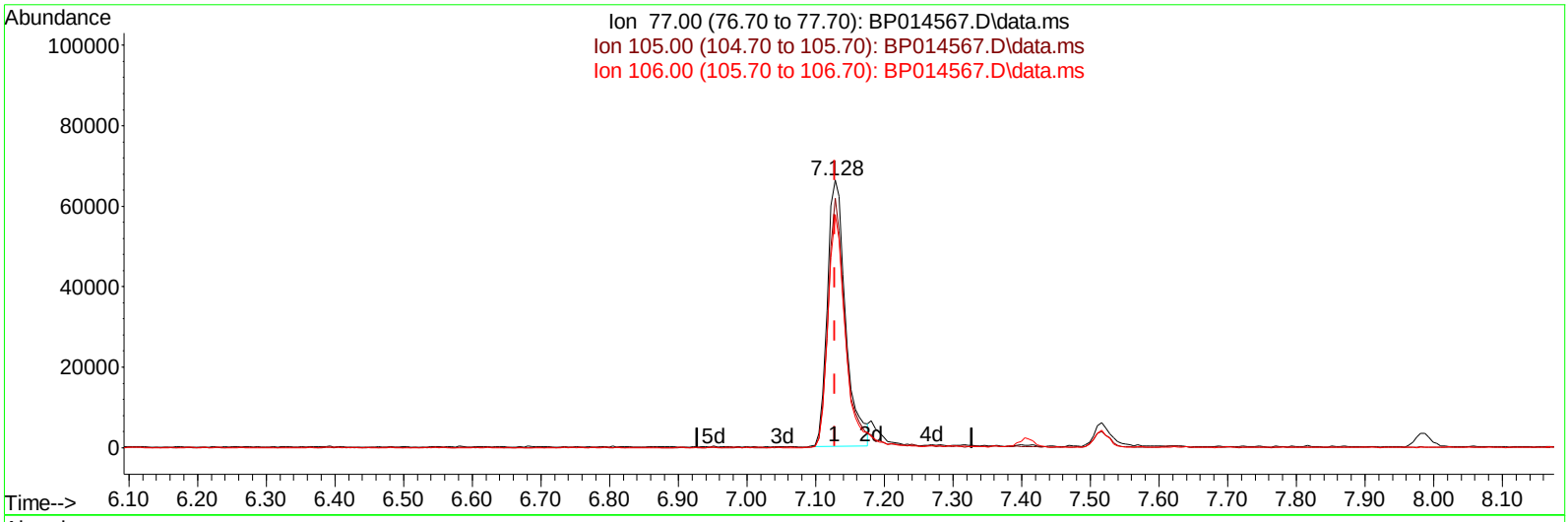
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
Data File : BP014567.D
Acq On : 05 Apr 2023 20:32
Operator : CG/JU
Sample : PB151829BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

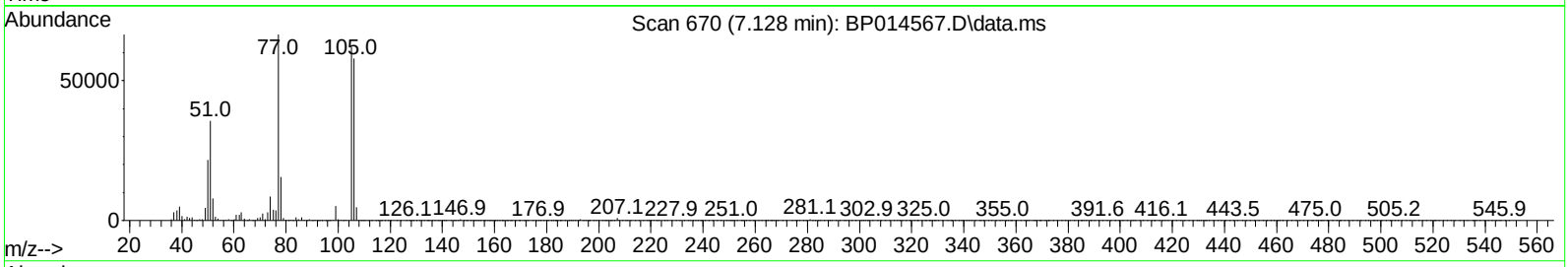
Quant Time: Apr 06 00:59:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 00:55:13 2023
Response via : Initial Calibration

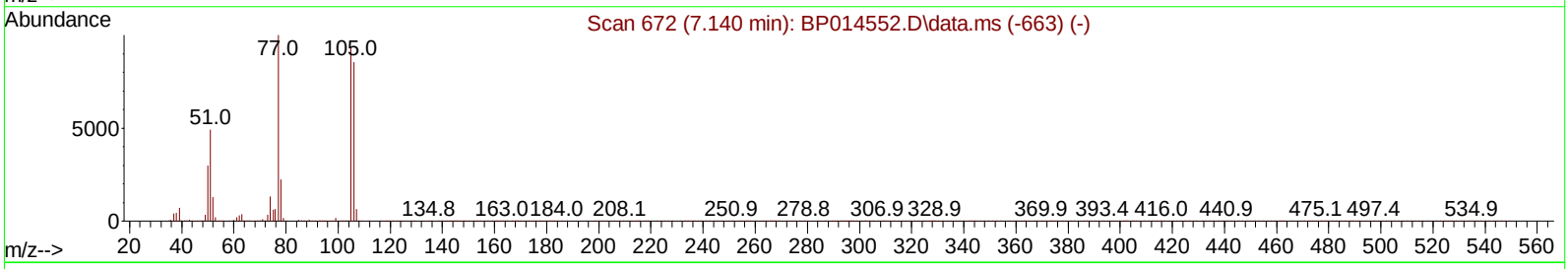
Instrument :
BNA_P
ClientSampleId :
SLCS829

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023







TIC: BP014567.D\data.ms

(6) Benzaldehyde

7.128min (-0.000) 21.69 ng/ul

response 122571

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	93.19
106.00	83.10	87.15
0.00	0.00	0.00

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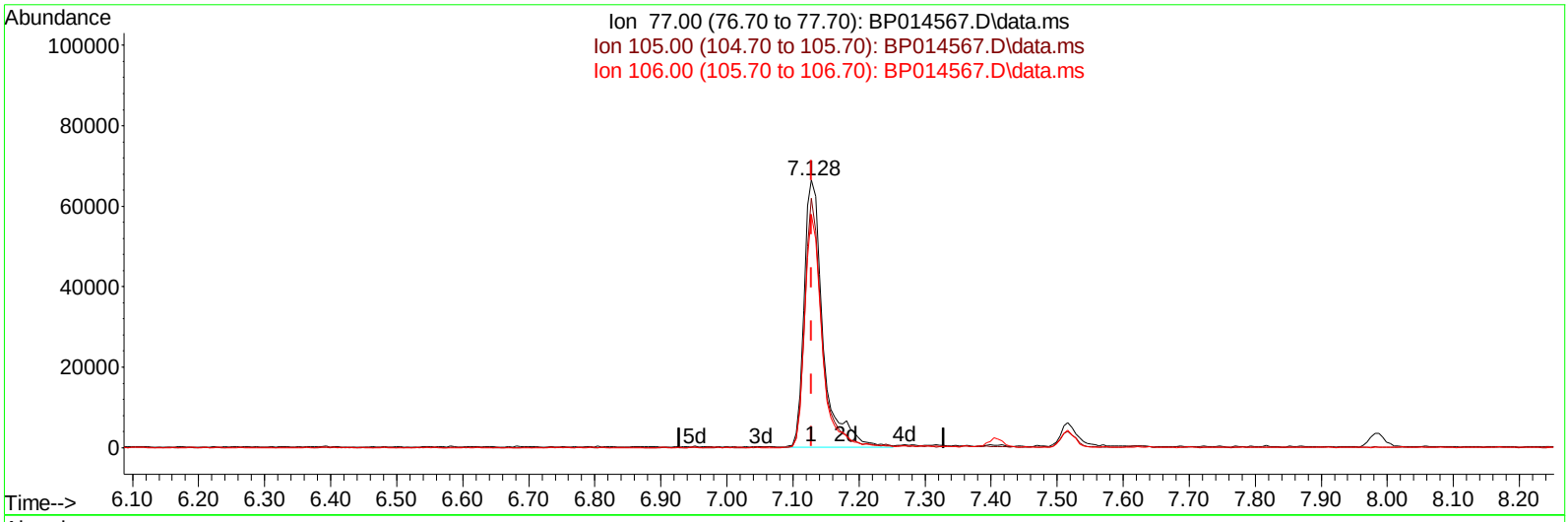

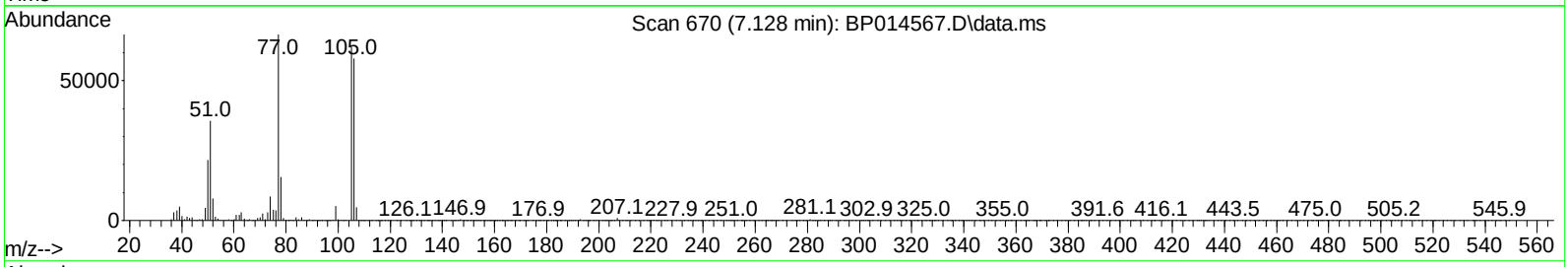

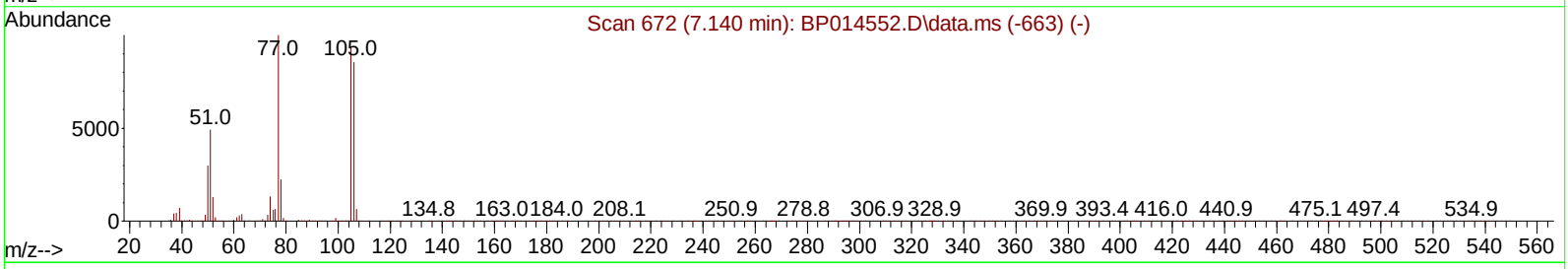

TIC: BP014567.D\data.ms

(6) Benzaldehyde

7.128min (-0.000) 23.47 ng/ul m

response 132599

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	93.19
106.00	83.10	87.15
0.00	0.00	0.00

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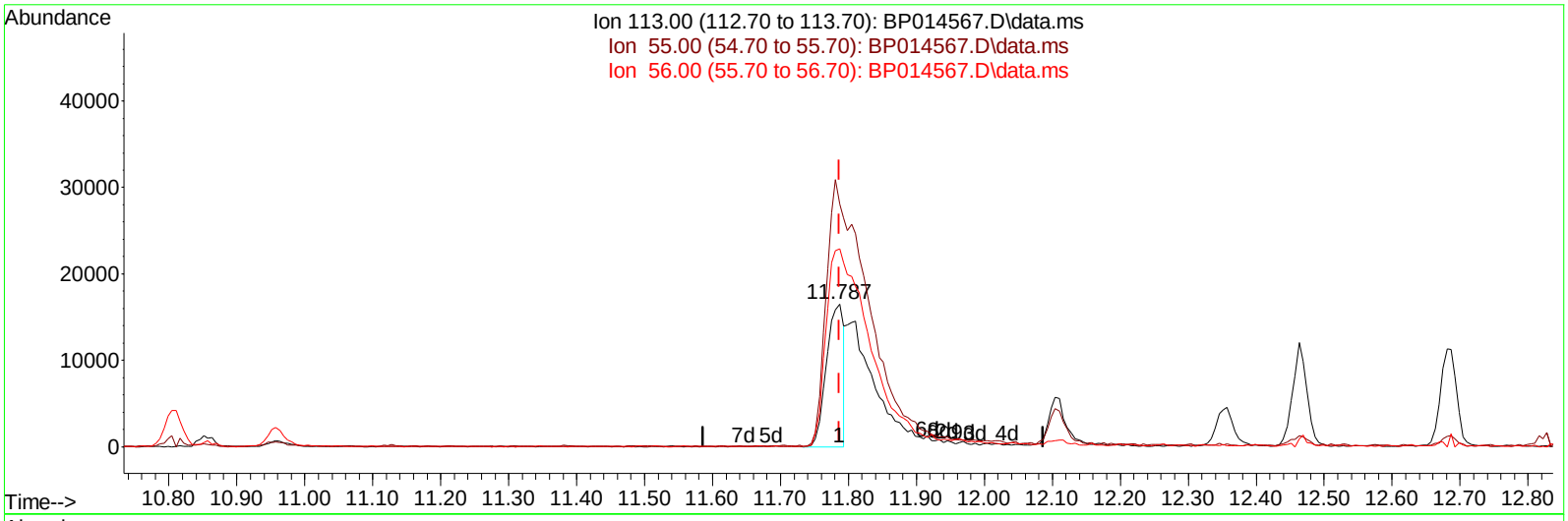

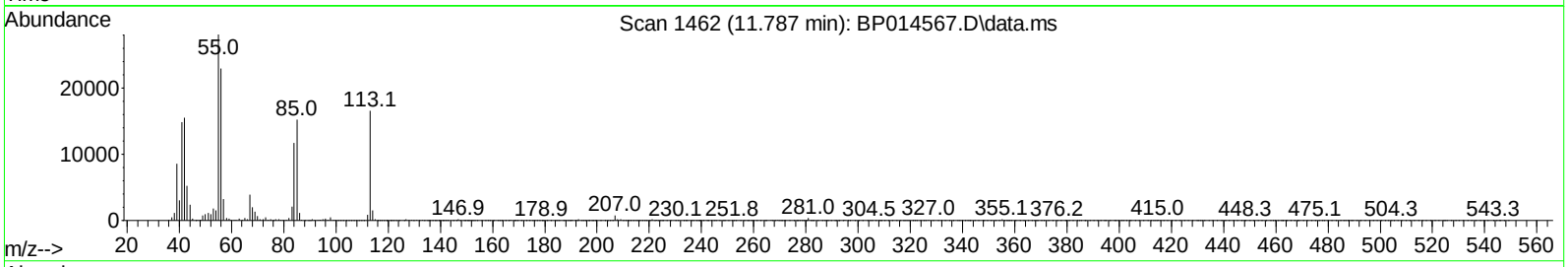

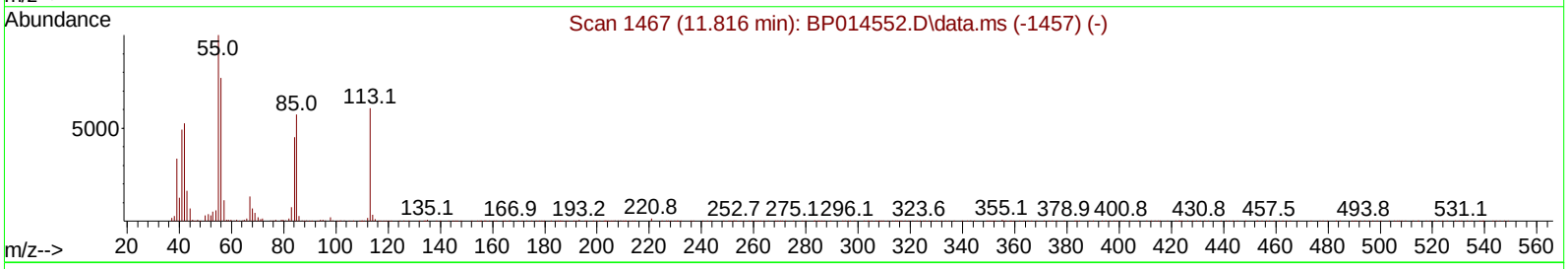

TIC: BP014567.D\data.ms

(34) Caprolactam

11.787min (-0.000) 11.49 ng/ul

response 29147

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	169.83
56.00	126.40	138.55
0.00	0.00	0.00

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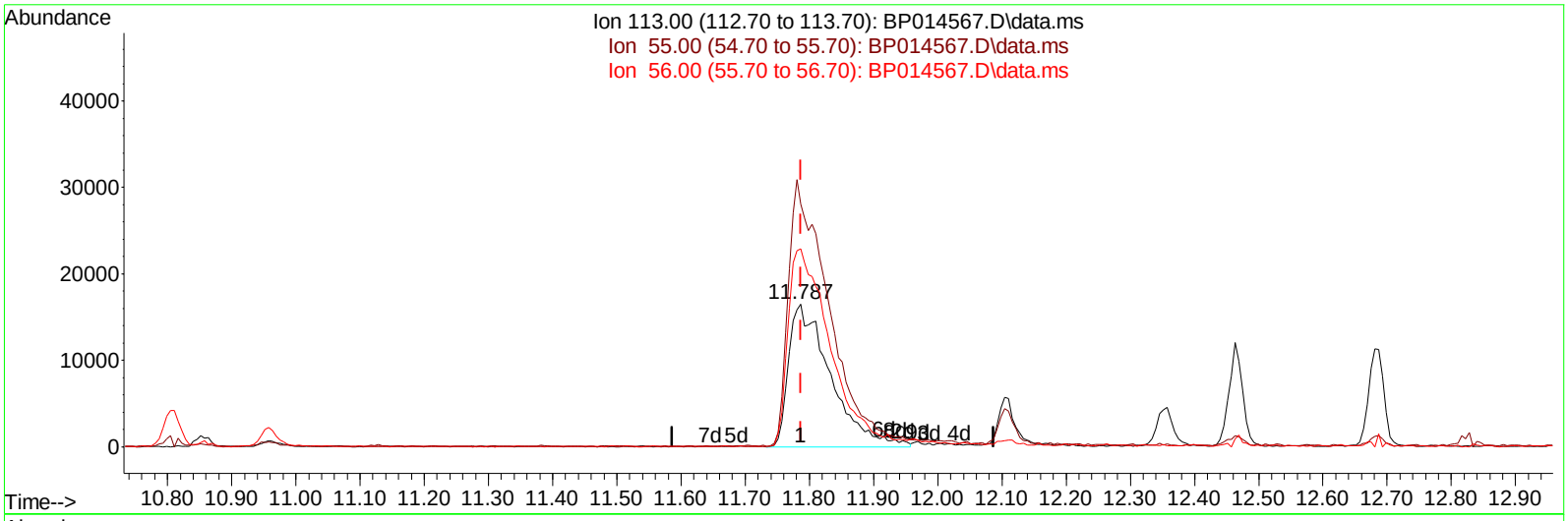

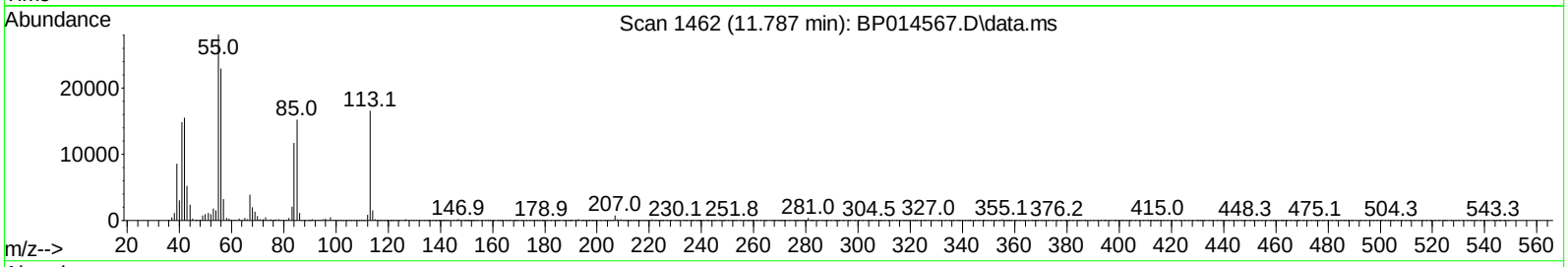

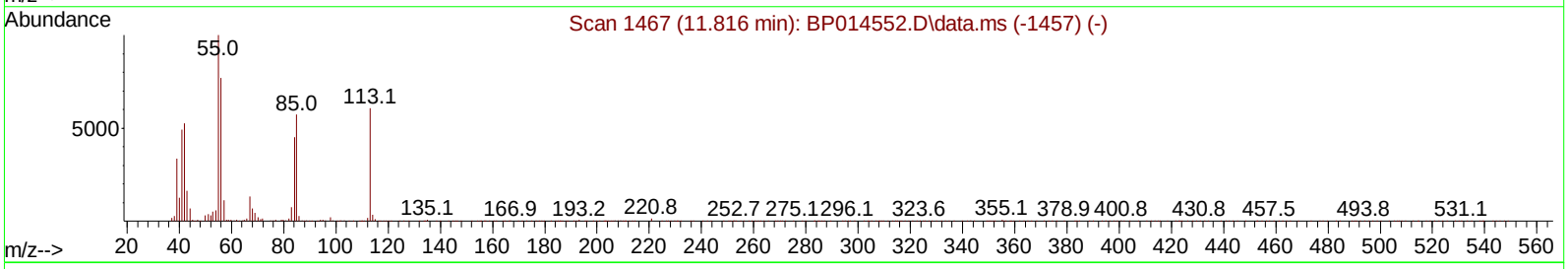

TIC: BP014567.D\data.ms

(34) Caprolactam

11.787min (-0.000) 29.30 ng/ul m

response 74332

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	169.83
56.00	126.40	138.55
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	123270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	518373	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.640	164	312898	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	636601	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	632339	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	711674	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	20406	6.419	ng/uL	0.00
4) Pyridine-d5	3.793	84	242041	29.713	ng/ul	0.00
7) Phenol-d5	7.152	99	361870	31.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	243630	33.401	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	269947	32.853	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	287520	31.354	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	136318	32.575	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	152910	31.911	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	279321	32.007	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	268797	23.384	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	825701	32.546	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	926747	32.921	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	112391	29.324	ng/ul	0.00
60) Fluorene-d10	15.634	176	668296	31.587	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	141053	30.112	ng/ul	0.00
73) Anthracene-d10	17.498	188	1013067	32.883	ng/ul	0.00
81) Pyrene-d10	19.727	212	1186728	27.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1289849	34.113	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	44645	12.780	ng/uL	95
5) Pyridine	3.817	79	240532	28.216	ng/ul	93
6) Benzaldehyde	7.128	77	132599m	23.466	ng/ul	
8) Phenol	7.181	94	376341	31.911	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.405	93	307031	32.397	ng/ul	98
12) 2-Chlorophenol	7.552	128	274768	32.128	ng/ul	93
13) 2-Methylphenol	8.440	108	275376	31.311	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.522	45	427720	34.374	ng/ul	100
16) Acetophenone	8.822	105	468849	30.962	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.805	70	263024	32.152	ng/ul	96
18) 4-Methylphenol	8.775	108	299301	30.987	ng/ul	99
19) Hexachloroethane	9.063	117	126913	33.963	ng/ul	94
22) Nitrobenzene	9.204	77	395926	32.934	ng/ul	99
23) Isophorone	9.734	82	705130	31.819	ng/ul	99
25) 2-Nitrophenol	9.922	139	158509	31.340	ng/ul	97
26) 2,4-Dimethylphenol	9.981	107	349947	30.913	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.210	93	414766	31.218	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	268096	31.216	ng/ul	97
30) Naphthalene	10.857	128	920773	31.889	ng/ul	99
32) 4-Chloroaniline	10.981	127	237989	20.441	ng/ul	99
33) Hexachlorobutadiene	11.128	225	208447	30.636	ng/ul	96
34) Caprolactam	11.787	113	74332m	29.297	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	316829	29.993	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	581591	29.721	ng/ul	99
37) 1-Methylnaphthalene	12.681	142	601589	30.999	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.828	216	351155	31.477	ng/ul	96
40) Hexachlorocyclopentadiene	12.798	237	210157	29.089	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	214144	31.020	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	232176	31.591	ng/ul	95
43) 1,1'-Biphenyl	13.469	154	825293	32.647	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	646175	32.328	ng/ul	99
45) 2-Nitroaniline	13.734	65	211048	34.095	ng/ul	95
47) Dimethylphthalate	14.092	163	803247	31.666	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	167259	33.749	ng/ul	97
50) Acenaphthylene	14.363	152	967067	32.256	ng/ul	99
51) 3-Nitroaniline	14.563	138	126868	28.574	ng/ul	96
52) Acenaphthene	14.704	153	673940	31.811	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	78527	24.468	ng/ul	91
55) 4-Nitrophenol	14.881	109	113029	29.881	ng/ul	96
56) Dibenzofuran	15.039	168	937996	31.495	ng/ul	100
57) 2,4-Dinitrotoluene	15.016	165	233753	33.251	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.269	232	198015	29.978	ng/ul	99
59) Diethylphthalate	15.457	149	810730	32.162	ng/ul	100
61) Fluorene	15.692	166	759117	31.447	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	401674	30.971	ng/ul	99
63) 4-Nitroaniline	15.734	138	123809	34.320	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.781	198	136119	29.985	ng/ul	98
67) N-Nitrosodiphenylamine	15.898	169	630418	31.828	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	250332	31.601	ng/ul	98
69) Hexachlorobenzene	16.698	284	287690	31.617	ng/ul	99
70) Atrazine	16.857	200	110818	15.370	ng/ul	99
71) Pentachlorophenol	17.051	266	140754	26.702	ng/ul	98
72) Phenanthrene	17.445	178	1171642	33.082	ng/ul	99
74) Anthracene	17.533	178	1173478	32.875	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	359061	32.042	ng/uL	100
76) Pentachlorobenzene	14.957	250	356183	31.855	ng/uL	99
77) Carbazole	17.810	167	982598	32.894	ng/ul	99
78) Di-n-butylphthalate	18.339	149	1300227	34.617	ng/ul	99
80) Fluoranthene	19.404	202	1368508	27.250	ng/ul	100
82) Pyrene	19.757	202	1429384	27.262	ng/ul	98
83) Butylbenzylphthalate	20.616	149	599899	33.217	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	434085	31.040	ng/ul	98
85) Benzo(a)anthracene	21.469	228	1455788	32.489	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.369	149	899117	36.407	ng/ul	100
87) Chrysene	21.527	228	1408785	33.297	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	1572168	34.042	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1578347	32.838	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1547831	33.157	ng/ul	100
93) Benzo(a)pyrene	23.880	252	1393912	33.692	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.615	276	1908251	33.526	ng/ul	99
95) Dibenzo(a,h)anthracene	26.627	278	1578626	33.126	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	1553171	33.476	ng/ul	98

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

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