Quantitation Report (Qedit)

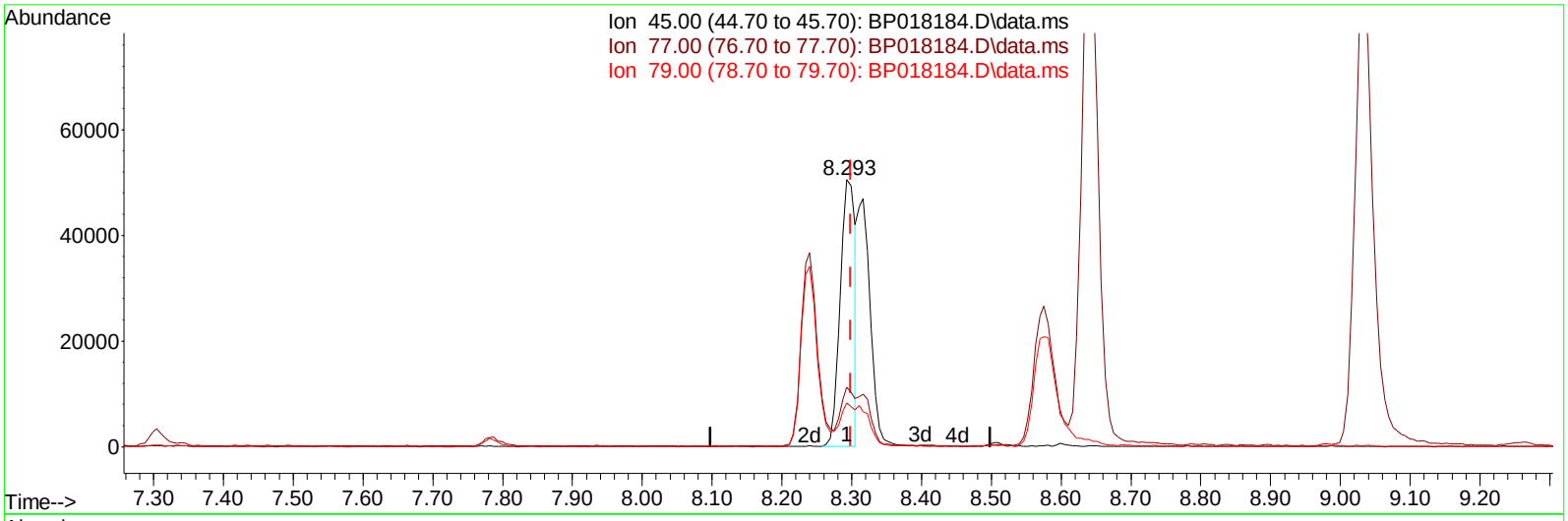
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
Data File : BP018184.D
Acq On : 15 Nov 2023 21:05
Operator : MA/JU
Sample : PB157123BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

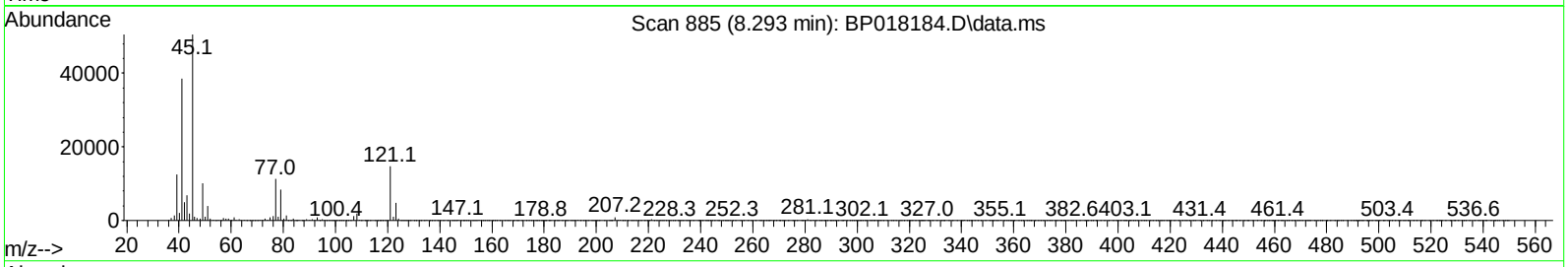
Quant Time: Nov 15 22:01:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

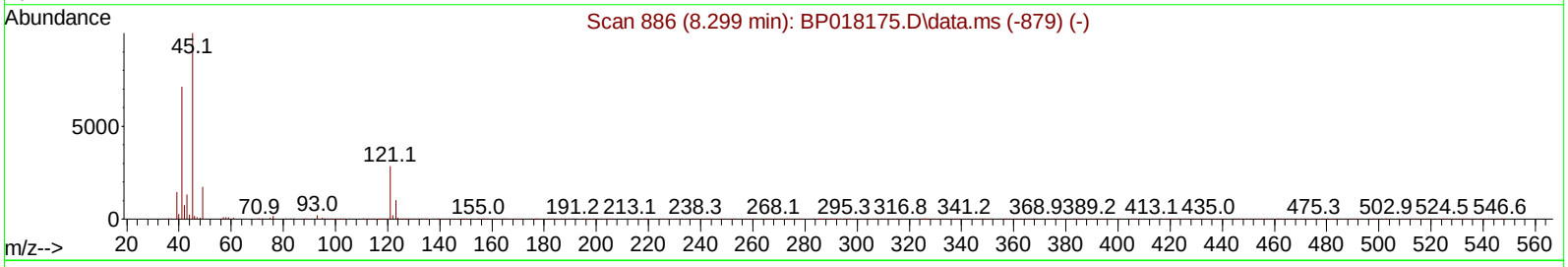
Instrument :
BNA_P
ClientSampleId :
SLCS123

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023







TIC: BP018184.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.293min (-0.006) 16.04 ng/ul

response 74821

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	22.35
79.00	13.90	16.47
0.00	0.00	0.00

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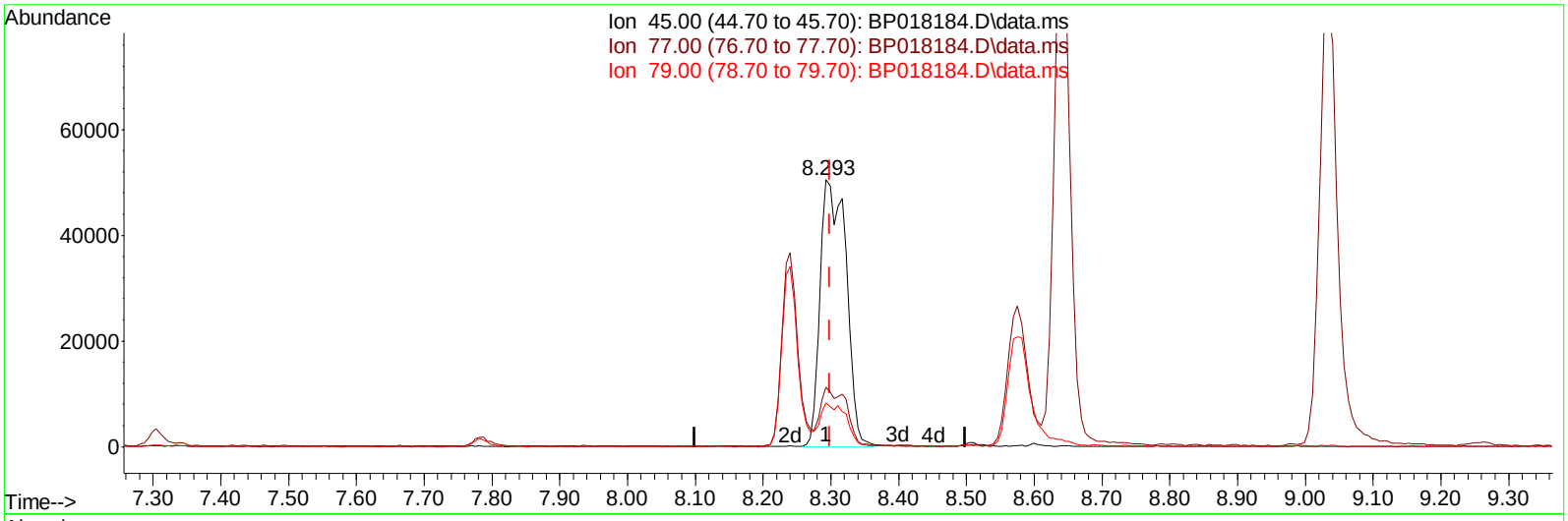

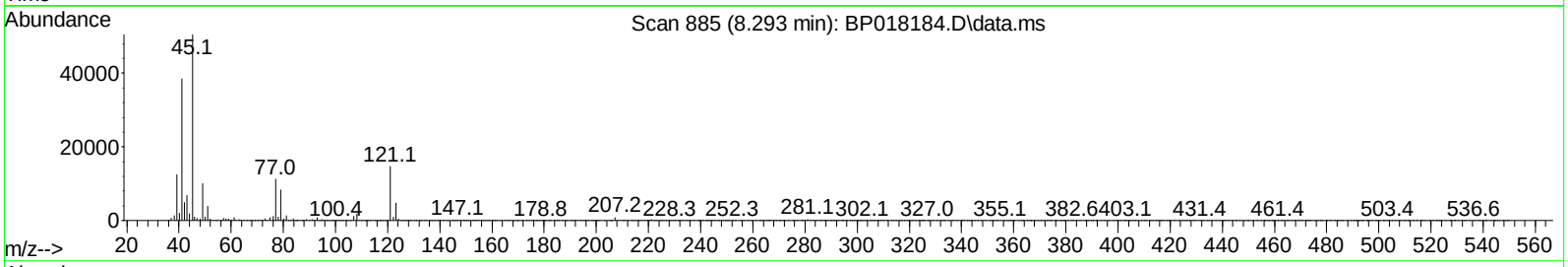

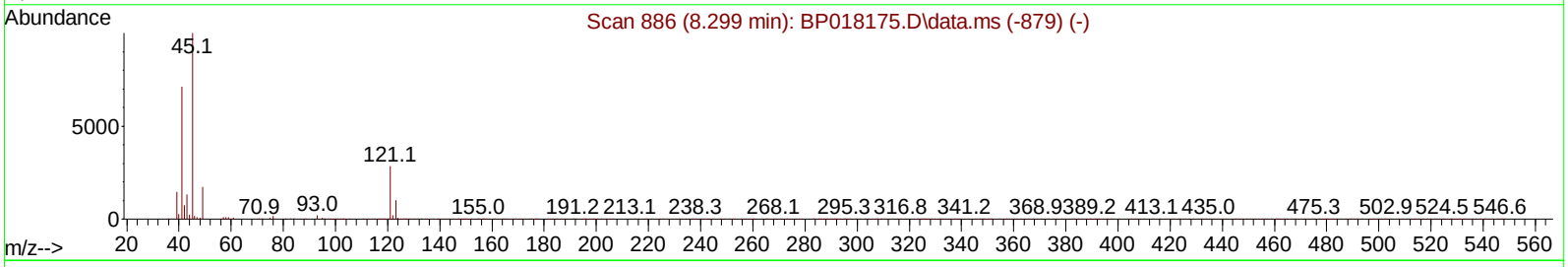

TIC: BP018184.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.293min (-0.006) 28.80 ng/ul m

response 134349

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	22.35
79.00	13.90	16.47
0.00	0.00	0.00

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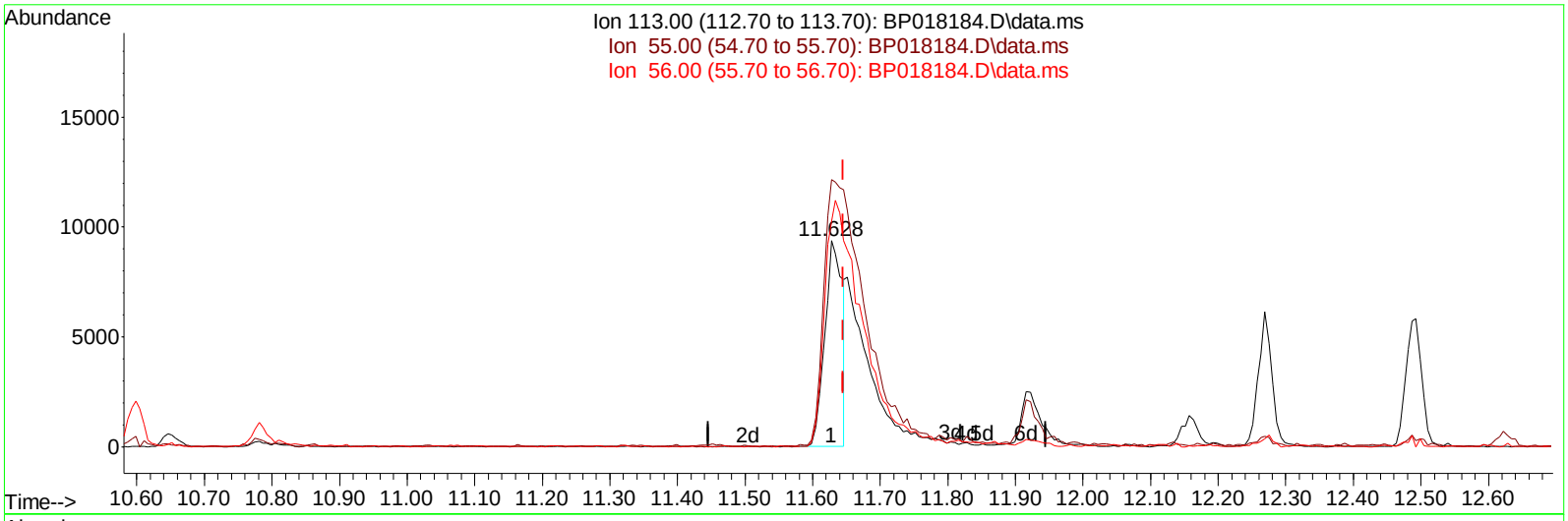

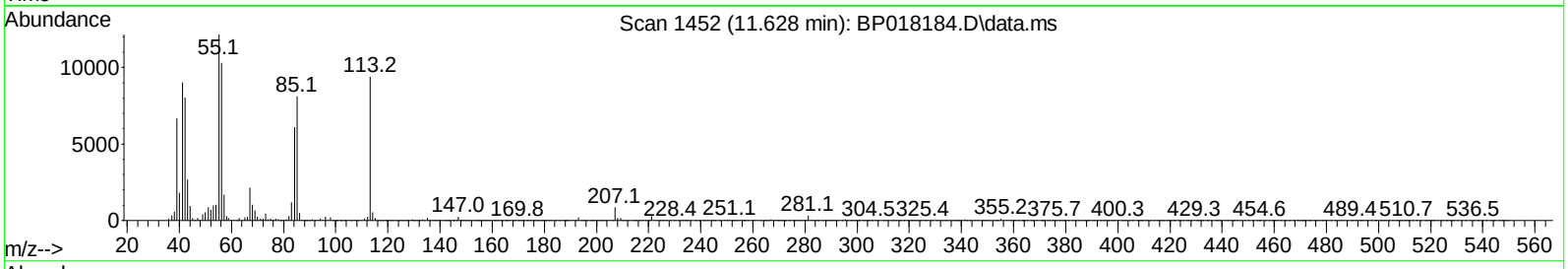

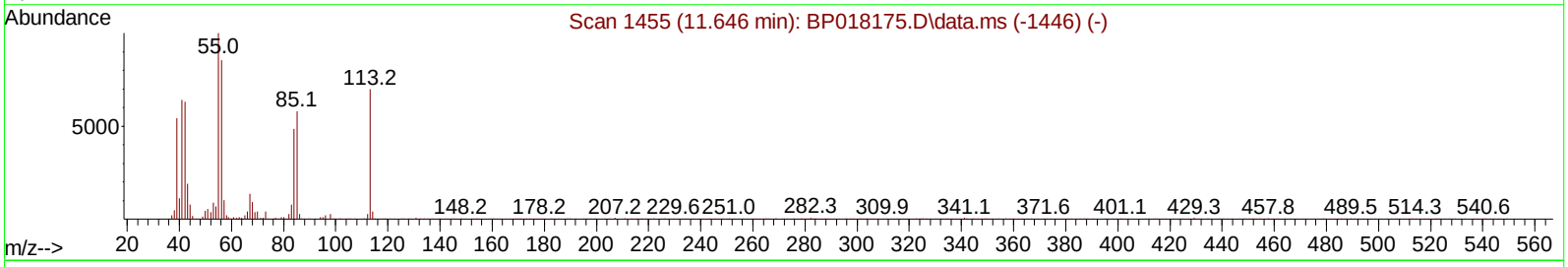

TIC: BP018184.D\data.ms

(34) Caprolactam

11.628min (-0.018) 13.43 ng/ul

response 16950

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	129.58
56.00	119.50	109.65
0.00	0.00	0.00

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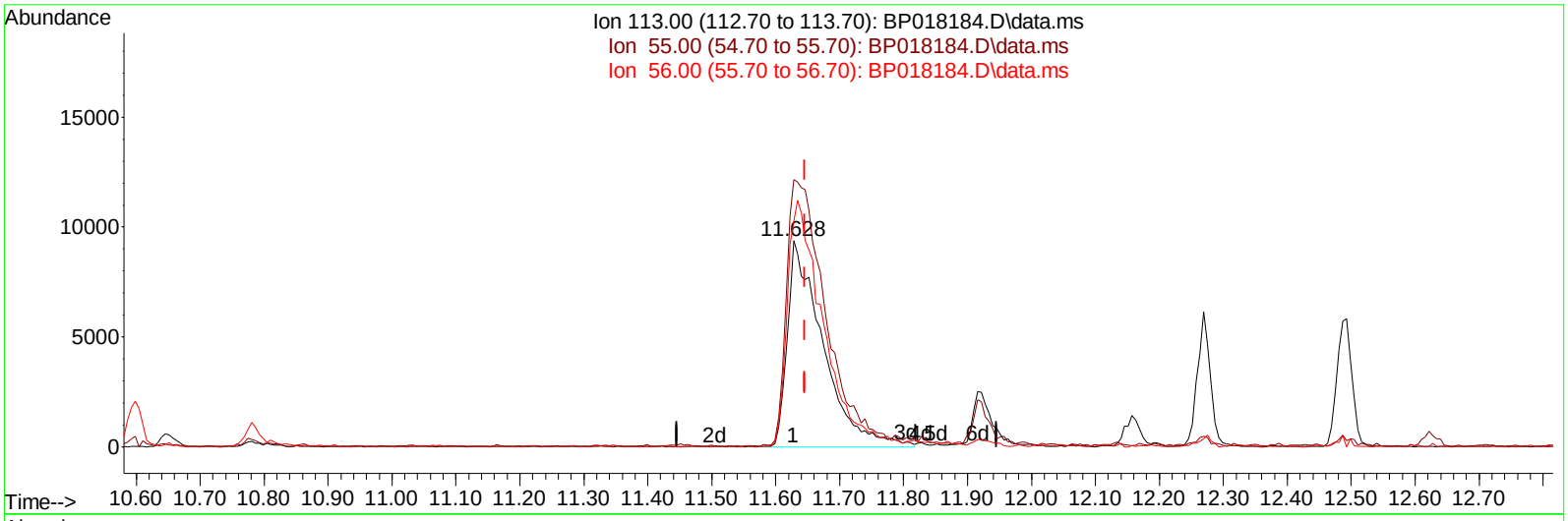

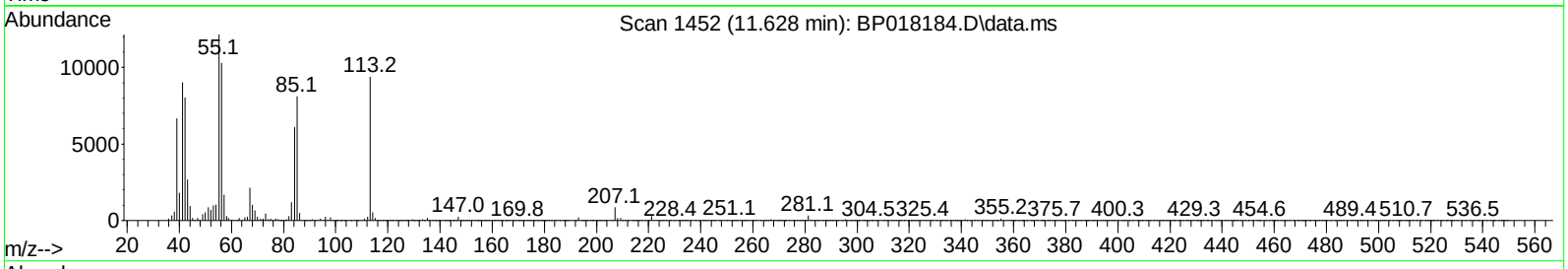

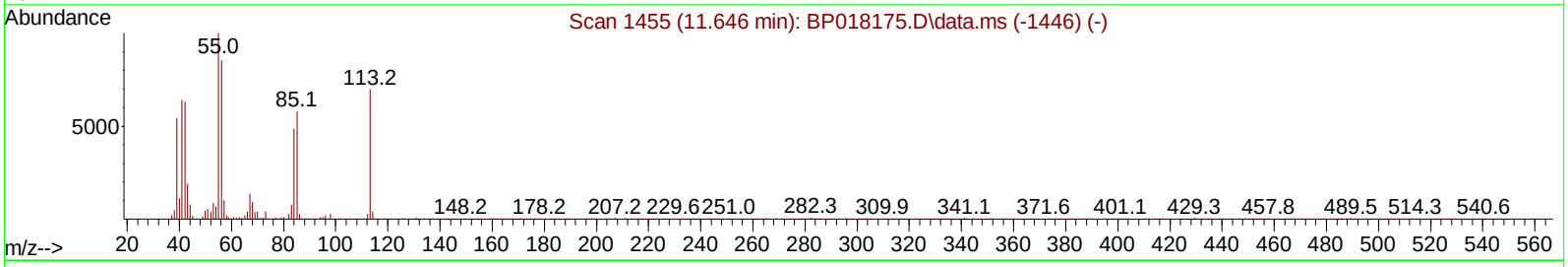

TIC: BP018184.D\data.ms

(34) Caprolactam

11.628min (-0.018) 28.67 ng/ul m

response 36185

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	129.58
56.00	119.50	109.65
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	55287	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	218706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	142792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	316951	20.000	ng/ul	0.00
79) Chrysene-d12	21.375	240	324824	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	355389	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	9479	6.048	ng/uL	0.00
4) Pyridine-d5	3.593	84	104896	25.669	ng/ul	0.00
7) Phenol-d5	6.952	99	146345	27.418	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	93119	29.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	122311	28.937	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	116175	26.562	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	55731	28.284	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	67136	30.075	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	117389	29.505	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	114793	21.039	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	388847	29.514	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	416004	28.990	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	42201	21.435	ng/ul	-0.01
60) Fluorene-d10	15.463	176	325366	29.912	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	64560	28.176	ng/ul	0.00
73) Anthracene-d10	17.345	188	523555	30.542	ng/ul	0.00
81) Pyrene-d10	19.604	212	648989	29.912	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	654467	31.671	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	20349	11.898	ng/uL	95
5) Pyridine	3.611	79	116165	27.544	ng/ul	99
6) Benzaldehyde	6.958	77	82623	28.743	ng/ul	99
8) Phenol	6.981	94	143125	27.182	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.228	93	118035	28.895	ng/ul	95
12) 2-Chlorophenol	7.334	128	119768	28.221	ng/ul	98
13) 2-Methylphenol	8.240	108	107165	26.936	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.293	45	134349m	28.803	ng/ul	
16) Acetophenone	8.640	105	190599	27.415	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.605	70	100114	26.375	ng/ul	96
18) 4-Methylphenol	8.575	108	114035	26.283	ng/ul	95
19) Hexachloroethane	8.828	117	62176	30.621	ng/ul	90
22) Nitrobenzene	9.034	77	161127	30.284	ng/ul	95
23) Isophorone	9.534	82	274224	28.246	ng/ul	98
25) 2-Nitrophenol	9.734	139	67775	29.545	ng/ul	92
26) 2,4-Dimethylphenol	9.775	107	131187	26.884	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	154710	29.223	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	110642	29.122	ng/ul	96
30) Naphthalene	10.652	128	386808	29.082	ng/ul	99
32) 4-Chloroaniline	10.805	127	123223	23.578	ng/ul	98
33) Hexachlorobutadiene	10.863	225	89069	31.934	ng/ul	97
34) Caprolactam	11.628	113	36185m	28.670	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	132299	28.944	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	264371	28.952	ng/ul	97
37) 1-Methylnaphthalene	12.493	142	262565	27.982	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	146259	30.320	ng/ul	95
40) Hexachlorocyclopentadiene	12.557	237	46028	19.768	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	88210	27.876	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	91621	27.511	ng/ul	96
43) 1,1'-Biphenyl	13.293	154	354771	29.218	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	279425	28.986	ng/ul	99
45) 2-Nitroaniline	13.598	65	94534	30.389	ng/ul	92
47) Dimethylphthalate	13.934	163	384235	29.730	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	74740	29.095	ng/ul	95
50) Acenaphthylene	14.193	152	465810	28.751	ng/ul	100
51) 3-Nitroaniline	14.440	138	65952	27.668	ng/ul	88
52) Acenaphthene	14.528	153	313415	29.173	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	19333	13.796	ng/ul	94
55) 4-Nitrophenol	14.740	109	73930	28.290	ng/ul	87
56) Dibenzofuran	14.869	168	435316	29.568	ng/ul	94
57) 2,4-Dinitrotoluene	14.887	165	117386	30.585	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.093	232	76721	25.897	ng/ul#	96
59) Diethylphthalate	15.293	149	422783	31.312	ng/ul	100
61) Fluorene	15.522	166	372052	29.766	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	188280	30.739	ng/ul	98
63) 4-Nitroaniline	15.616	138	66052	29.364	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.640	198	62950	26.476	ng/ul	94
67) N-Nitrosodiphenylamine	15.745	169	309913	30.489	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	111561	31.230	ng/ul	95
69) Hexachlorobenzene	16.504	284	122603	30.758	ng/ul	98
70) Atrazine	16.710	200	74733	21.077	ng/ul	97
71) Pentachlorophenol	16.881	266	24435	10.099	ng/ul	96
72) Phenanthrene	17.287	178	602664	30.968	ng/ul	99
74) Anthracene	17.381	178	606295	30.529	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	146868	30.344	ng/uL	97
76) Pentachlorobenzene	14.757	250	146728	30.967	ng/uL	96
77) Carbazole	17.681	167	551435	31.975	ng/ul	100
78) Di-n-butylphthalate	18.186	149	752348	34.382	ng/ul	98
80) Fluoranthene	19.275	202	750666	29.625	ng/ul	98
82) Pyrene	19.633	202	783957	29.525	ng/ul	98
83) Butylbenzylphthalate	20.498	149	364833	32.672	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.310	252	232043	29.900	ng/ul	97
85) Benzo(a)anthracene	21.357	228	826182	31.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	533775	34.671	ng/ul	99
87) Chrysene	21.416	228	762115	31.058	ng/ul	100
89) Di-n-octyl phthalate	22.192	149	938087	35.296	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	799681	31.618	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	811512	31.891	ng/ul	99
93) Benzo(a)pyrene	23.733	252	761382	31.877	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	903926	31.554	ng/ul	100
95) Dibenzo(a,h)anthracene	26.492	278	755121	32.013	ng/ul	98
96) Benzo(g,h,i)perylene	27.280	276	724874	31.636	ng/ul	96

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

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