Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017169.D
Acq On : 14 Sep 2023 10:33
Operator : MA/JU
Sample : PB155433BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

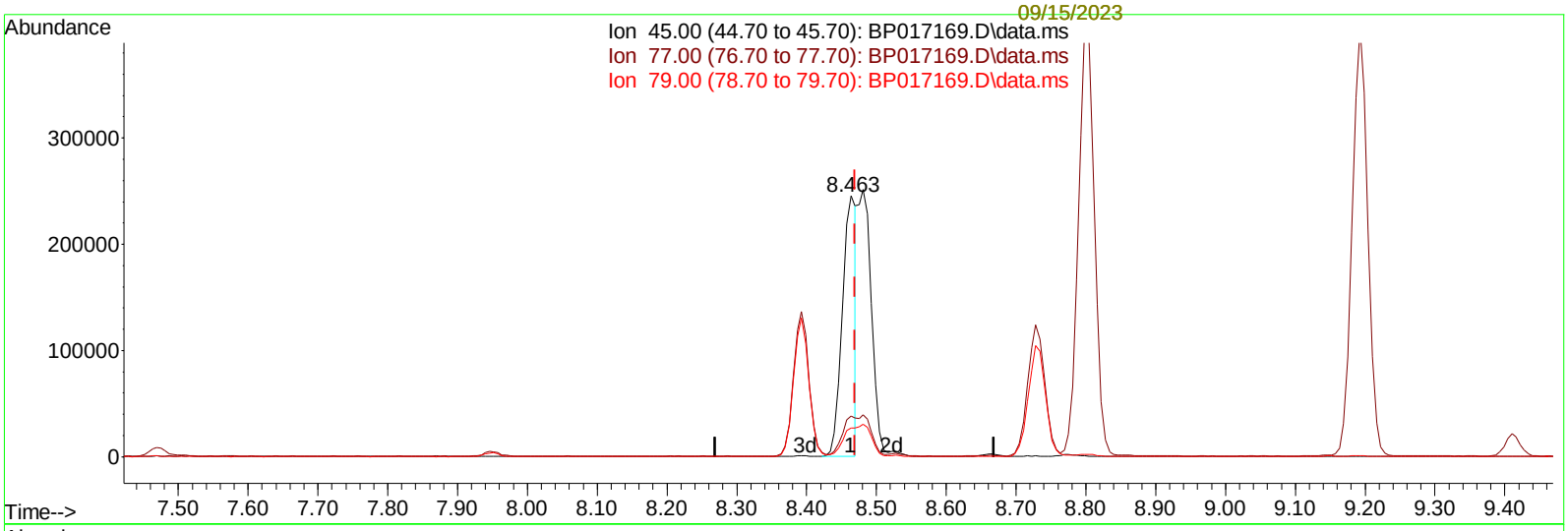
Quant Time: Sep 14 22:44:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

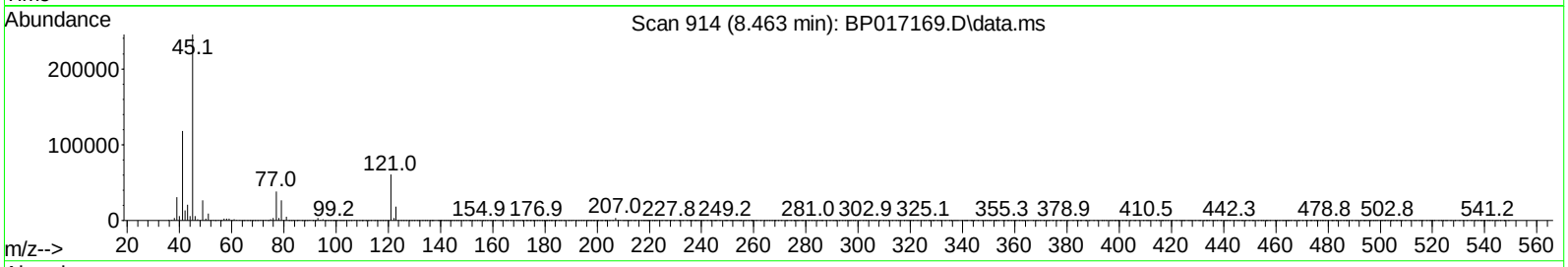
Instrument :
BNA_P
ClientSampleId :
SLCS433

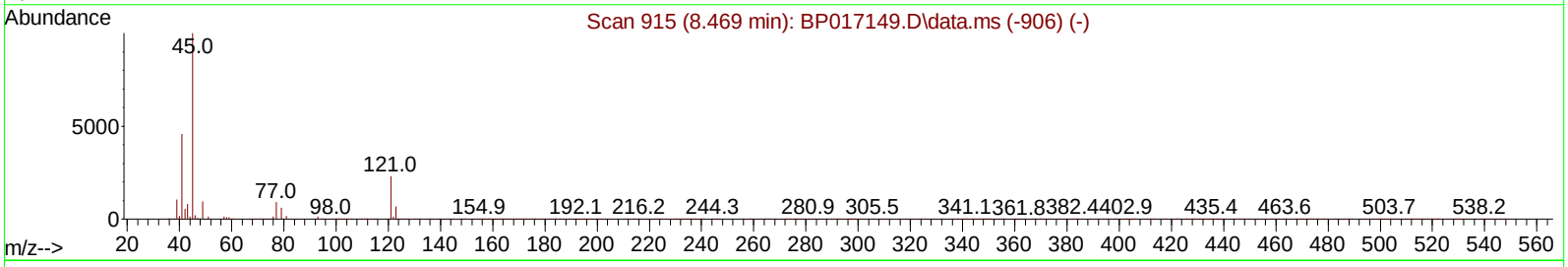
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Supervised By :mohammad ahmed
09/15/2023







TIC: BP017169.D\data.ms

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

8.463min (-0.006) 20.58 ng/ul

response 333414

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.69
79.00	11.00	10.90
0.00	0.00	0.00

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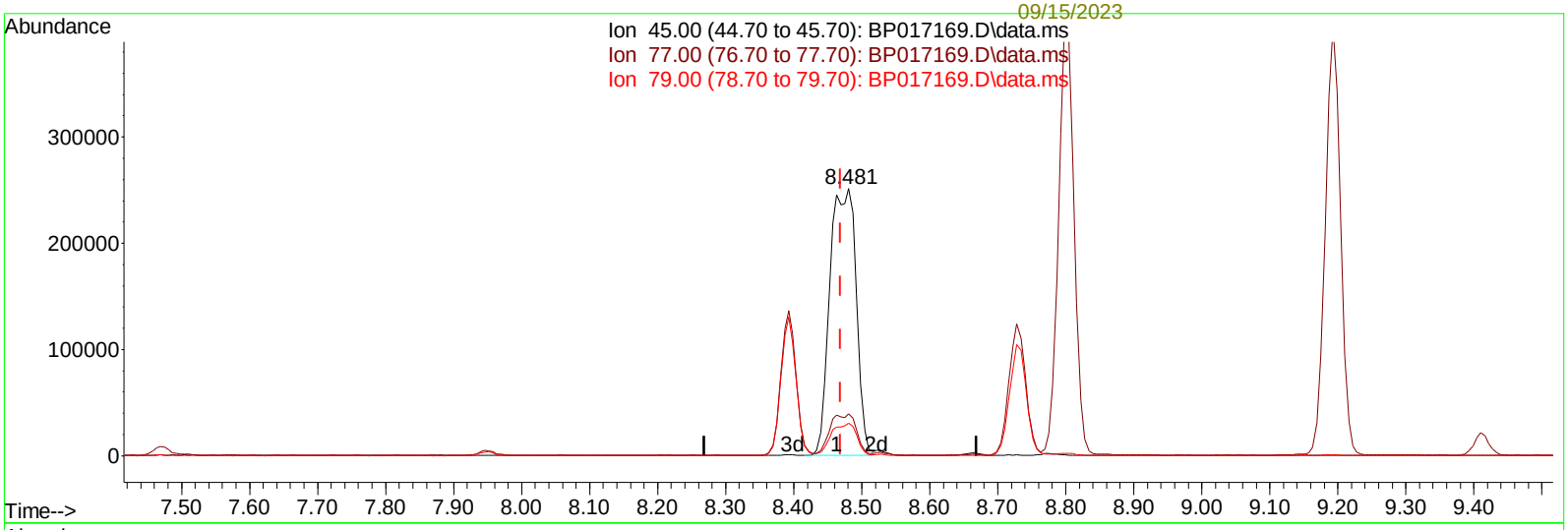

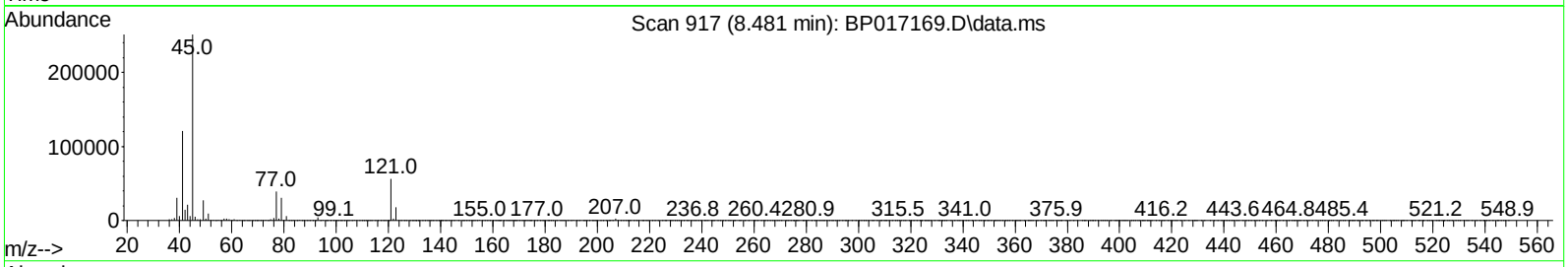

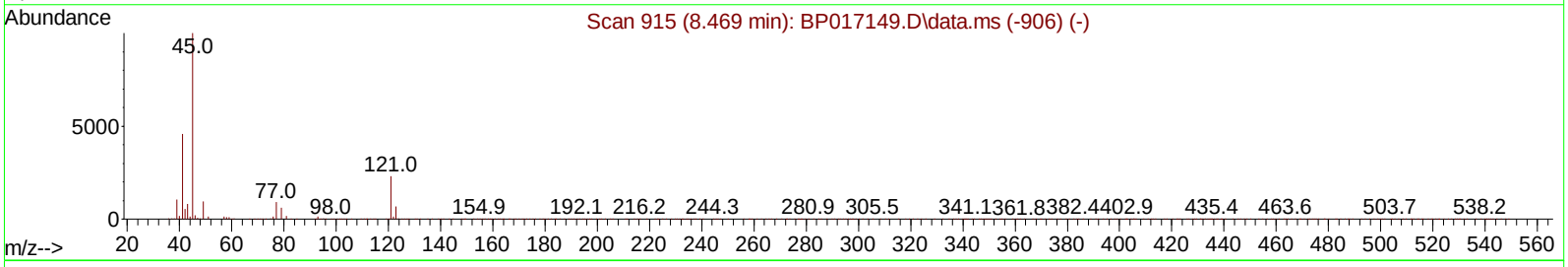

TIC: BP017169.D\data.ms

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

8.481min (+ 0.012) 41.57 ng/ul m

response 673476

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.60	15.71
79.00	11.00	12.19
0.00	0.00	0.00

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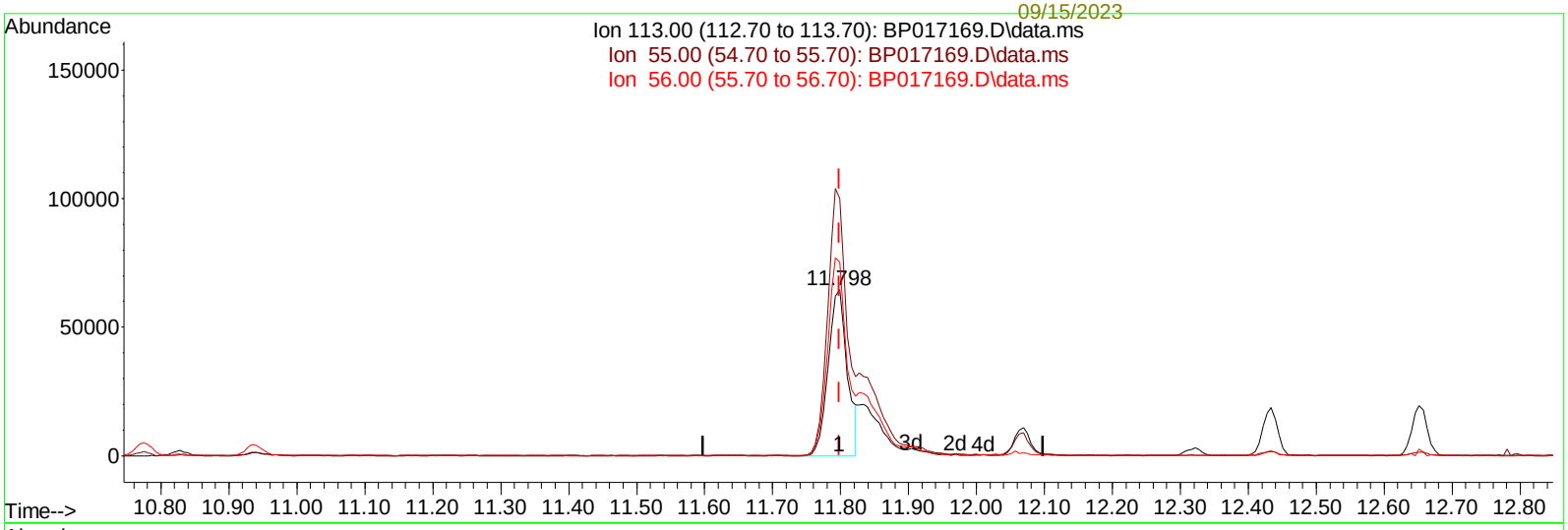

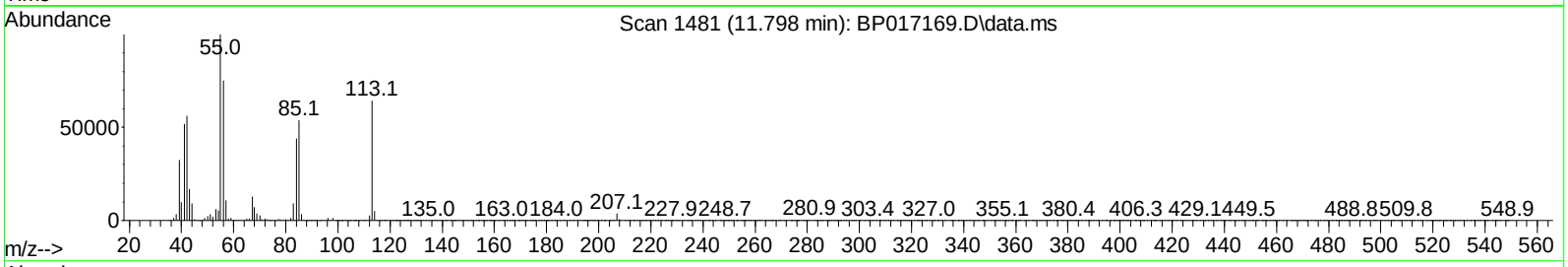

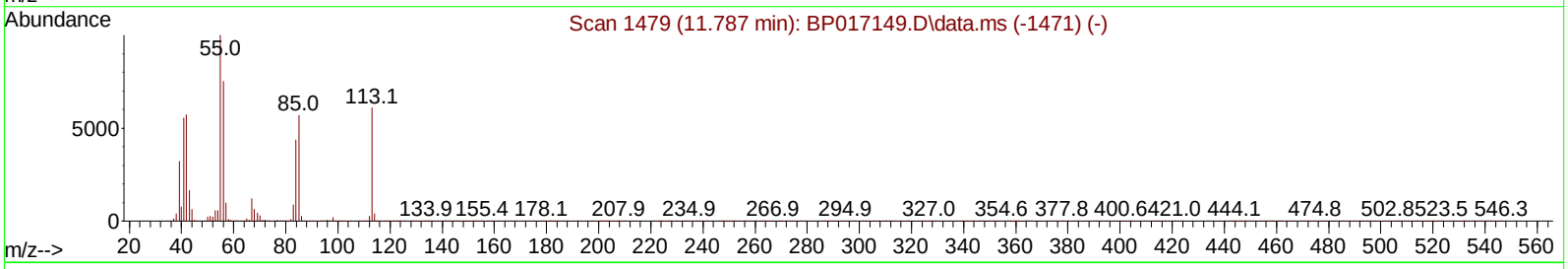

TIC: BP017169.D\data.ms

(34) Caprolactam

11.798min (-0.000) 35.13 ng/ul

response 126521

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	154.91
56.00	121.00	116.68
0.00	0.00	0.00

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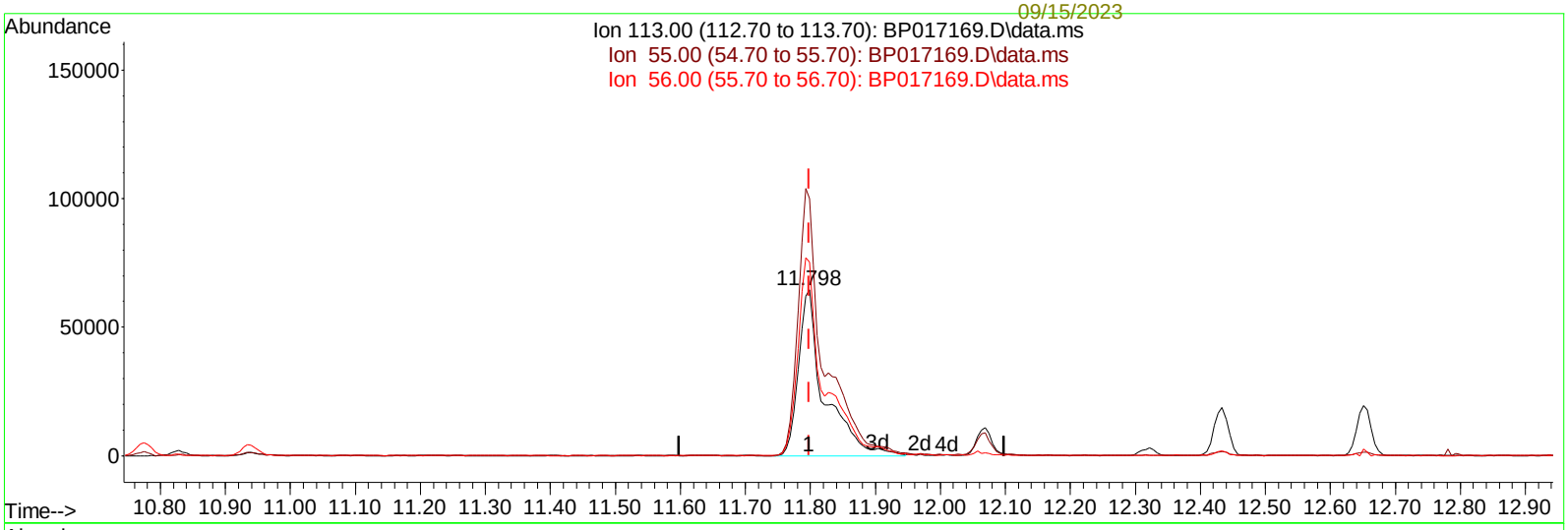

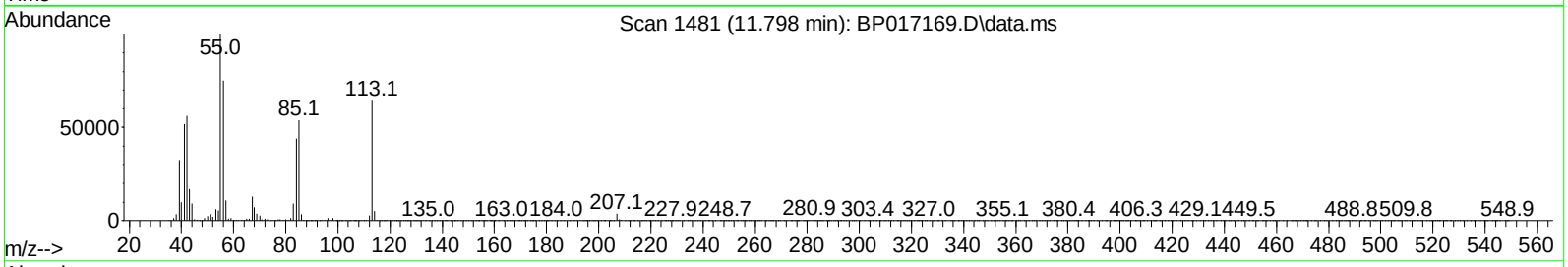

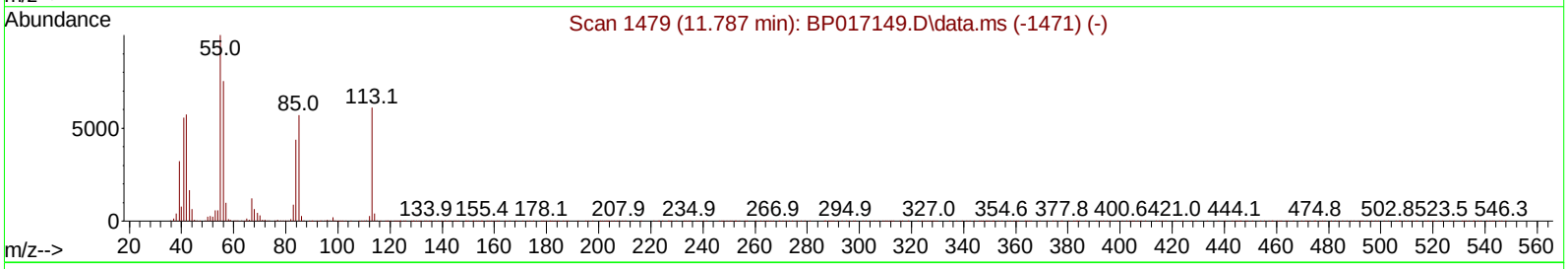

TIC: BP017169.D\data.ms

(34) Caprolactam

11.798min (-0.000) 49.56 ng/ul m

response 178484

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.40	154.91
56.00	121.00	116.68
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	174787	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	782897	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	513399	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1142780	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1105775	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1118992	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	32237	7.751	ng/uL	0.00
4) Pyridine-d5	3.746	84	440035	36.983	ng/ul	0.00
7) Phenol-d5	7.104	99	617555	43.452	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	372715	41.958	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	472274	41.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	503483	42.745	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	236587	43.157	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	265522	45.369	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	510410	45.095	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	630071	36.933	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1601359	43.831	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1759406	42.441	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	287708	40.745	ng/ul	0.00
60) Fluorene-d10	15.610	176	1358660	43.010	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	278696	43.651	ng/ul	0.00
73) Anthracene-d10	17.486	188	2190321	45.111	ng/ul	0.00
81) Pyrene-d10	19.721	212	2623660	45.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2415075	45.727	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	68156	15.239	ng/uL	95
5) Pyridine	3.764	79	434987	35.295	ng/ul	99
6) Benzaldehyde	7.110	77	305188	38.570	ng/ul	98
8) Phenol	7.128	94	657283	43.850	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	513239	42.929	ng/ul	99
12) 2-Chlorophenol	7.504	128	503819	43.778	ng/ul	100
13) 2-Methylphenol	8.393	108	493427	44.156	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	673476m	41.567	ng/ul	
16) Acetophenone	8.799	105	824625	44.728	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	429764	45.363	ng/ul	98
18) 4-Methylphenol	8.728	108	552214	44.666	ng/ul	100
19) Hexachloroethane	9.016	117	200610	42.385	ng/ul	95
22) Nitrobenzene	9.193	77	627603	43.961	ng/ul	98
23) Isophorone	9.710	82	1188259	44.415	ng/ul	100
25) 2-Nitrophenol	9.898	139	298587	45.903	ng/ul	99
26) 2,4-Dimethylphenol	9.934	107	579608	43.722	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.193	93	738755	44.058	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	524113	45.746	ng/ul	99
30) Naphthalene	10.828	128	1699987	42.911	ng/ul	100
32) 4-Chloroaniline	10.963	127	563996	33.878	ng/ul	98
33) Hexachlorobutadiene	11.057	225	333273	42.839	ng/ul	98
34) Caprolactam	11.798	113	178484m	49.560	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	583192	47.046	ng/ul	100

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	1171628	43.829 ng/ul	100
37) 1-Methylnaphthalene	12.651	142	1143270	42.251 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	656177	42.913 ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	343020	36.004 ng/ul	99
41) 2,4,6-Trichlorophenol	13.039	196	424219	43.671 ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	469292	45.442 ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1605516	43.611 ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1276025	43.647 ng/ul	99
45) 2-Nitroaniline	13.728	65	381764	48.209 ng/ul	97
47) Dimethylphthalate	14.075	163	1681043	45.326 ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	337233	49.736 ng/ul	98
50) Acenaphthylene	14.339	152	2004366	41.853 ng/ul	100
51) 3-Nitroaniline	14.557	138	342091	47.162 ng/ul	98
52) Acenaphthene	14.675	153	1374530	43.373 ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	174077	36.654 ng/ul	98
55) 4-Nitrophenol	14.851	109	244183	43.207 ng/ul	97
56) Dibenzofuran	15.016	168	1935171	44.187 ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	498682	49.392 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.228	232	389451	42.987 ng/ul	100
59) Diethylphthalate	15.433	149	1689106	46.129 ng/ul	99
61) Fluorene	15.663	166	1608269	44.418 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	819848	44.536 ng/ul	99
63) 4-Nitroaniline	15.733	138	349911	51.889 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	296282	43.240 ng/ul#	94
67) N-Nitrosodiphenylamine	15.881	169	1372360	46.185 ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	512618	47.059 ng/ul	96
69) Hexachlorobenzene	16.639	284	593883	46.061 ng/ul	99
70) Atrazine	16.833	200	123299	11.463 ng/ul	97
71) Pentachlorophenol	17.004	266	312049	37.240 ng/ul	98
72) Phenanthrene	17.427	178	2632046	45.831 ng/ul	100
74) Anthracene	17.522	178	2652793	45.608 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	67562	4.276 ng/uL	97
76) Pentachlorobenzene	14.904	250	684884	47.769 ng/uL	99
77) Carbazole	17.804	167	2397846	46.949 ng/ul	100
78) Di-n-butylphthalate	18.316	149	2912156	50.037 ng/ul	100
80) Fluoranthene	19.392	202	3181889	46.942 ng/ul	99
82) Pyrene	19.751	202	3334921	46.563 ng/ul	100
83) Butylbenzylphthalate	20.610	149	1342256	52.547 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	1074584	47.401 ng/ul	99
85) Benzo(a)anthracene	21.468	228	3291620	45.463 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1916685	53.452 ng/ul	99
87) Chrysene	21.527	228	3076561	45.681 ng/ul	98
89) Di-n-octyl phthalate	22.315	149	3304116	53.252 ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3105100	47.077 ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3167922	48.313 ng/ul	100
93) Benzo(a)pyrene	23.904	252	2750858	44.954 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.698	276	3220939	47.533 ng/ul	99
95) Dibenzo(a,h)anthracene	26.721	278	2713838	47.677 ng/ul	100
96) Benzo(g,h,i)perylene	27.533	276	2519123	48.077 ng/ul	99

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

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