Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016871.D
Acq On : 30 Aug 2023 14:21
Operator : MA/JU
Sample : PB155157BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Quant Time: Aug 31 00:50:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 02:25:00 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS157

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

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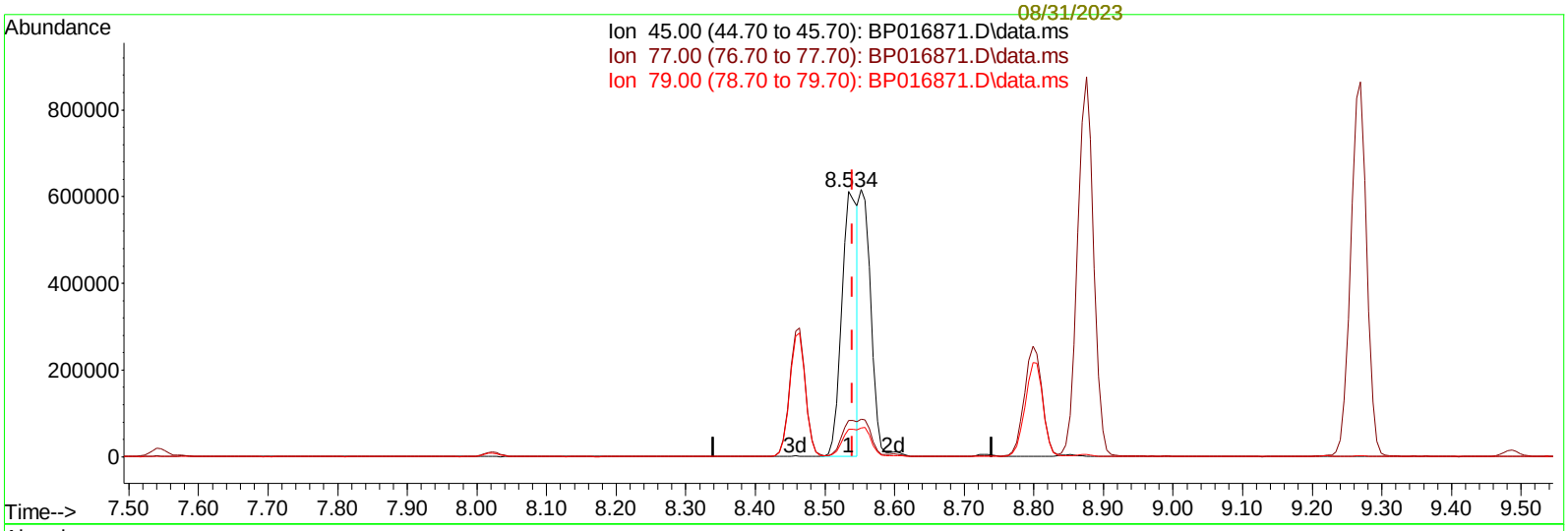
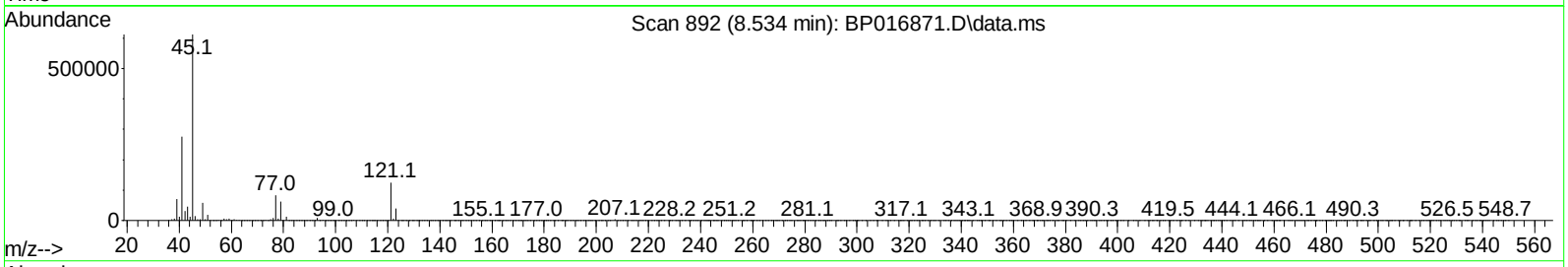
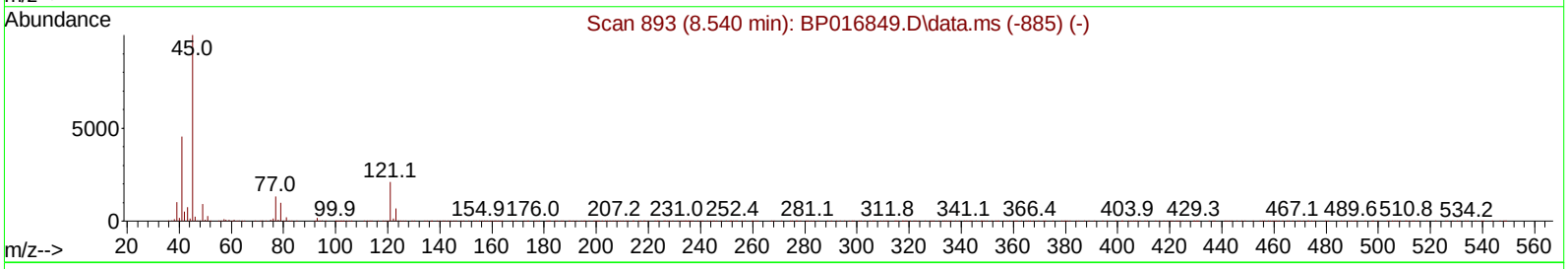
08/31/2023







TIC: BP016871.D\data.ms

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

8.534min (-0.006) 19.43 ng/ul

response 962755

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	13.72
79.00	10.30	10.31
0.00	0.00	0.00

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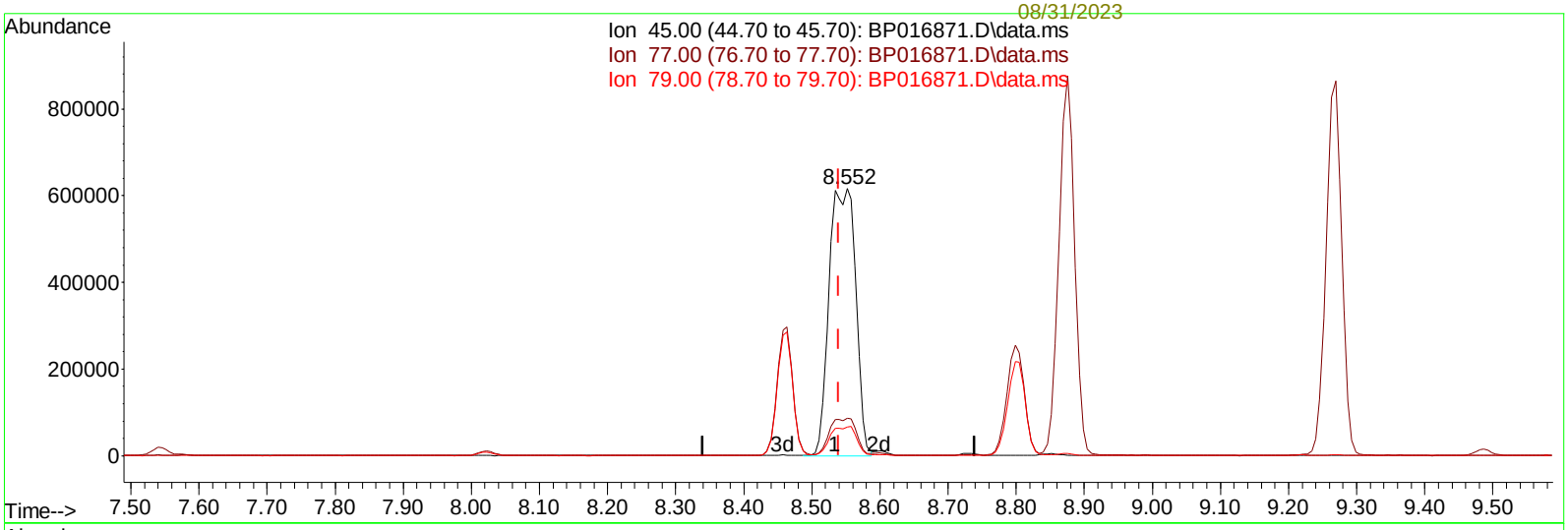

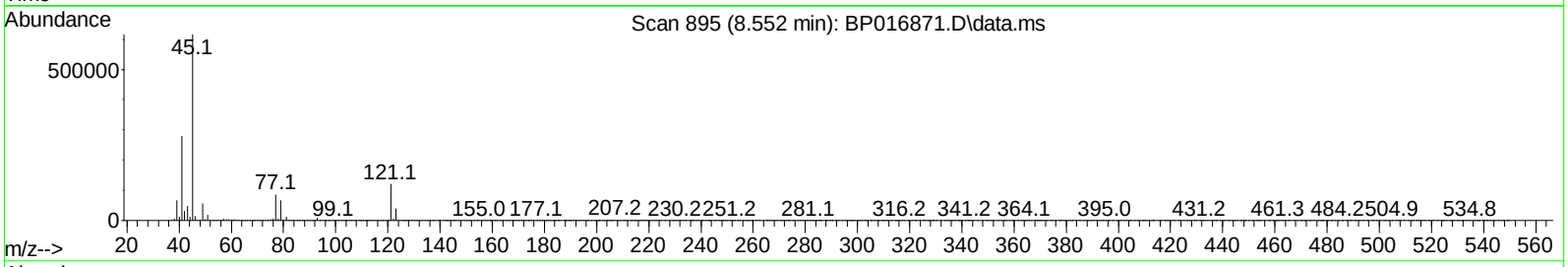

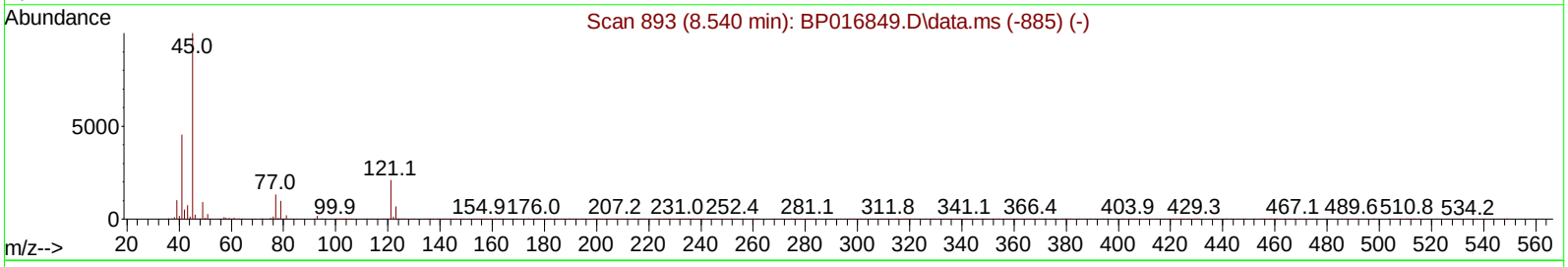

TIC: BP016871.D\data.ms

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

8.552min (+ 0.012) 33.61 ng/ul m

response 1665049

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.05
79.00	10.30	10.85
0.00	0.00	0.00

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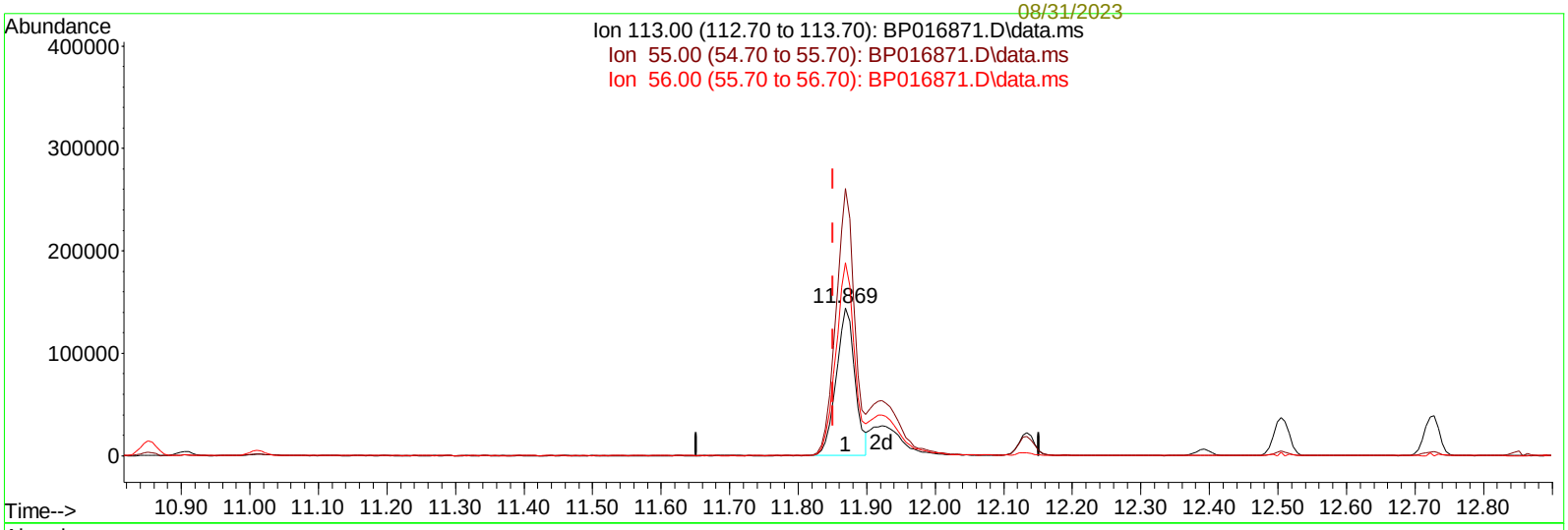

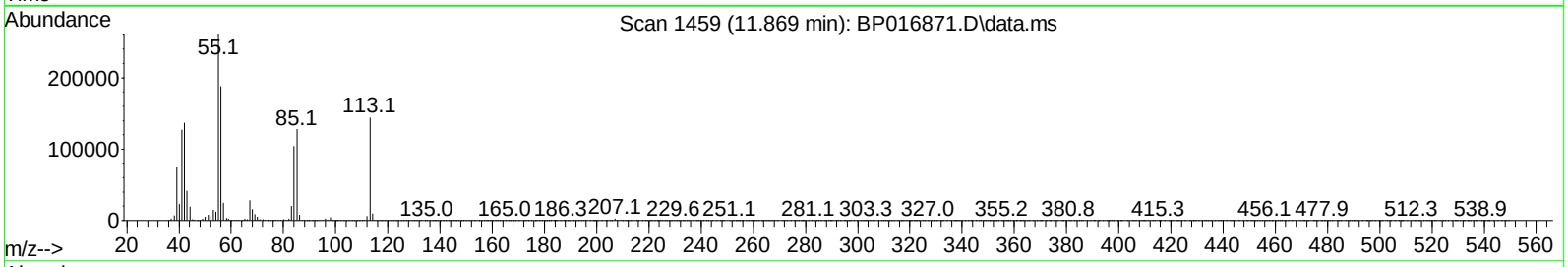

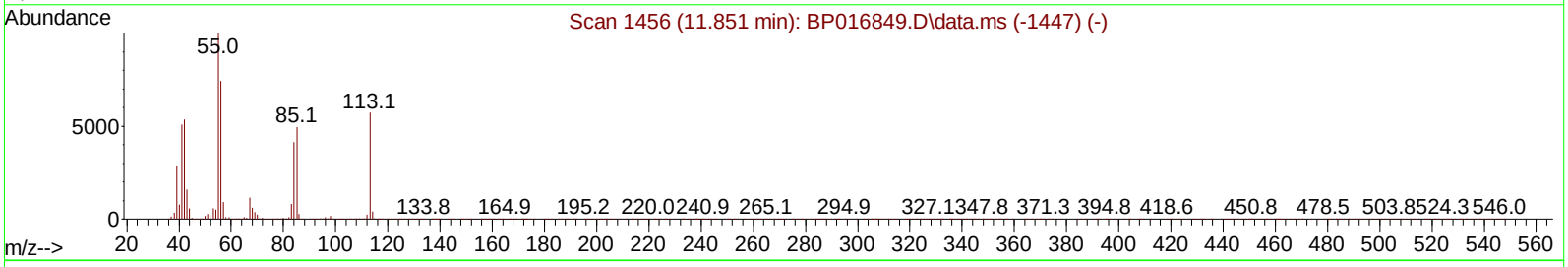

TIC: BP016871.D\data.ms

(34) Caprolactam

11.869min (+ 0.018) 25.64 ng/ul

response 274368

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	180.78
56.00	130.60	130.49
0.00	0.00	0.00

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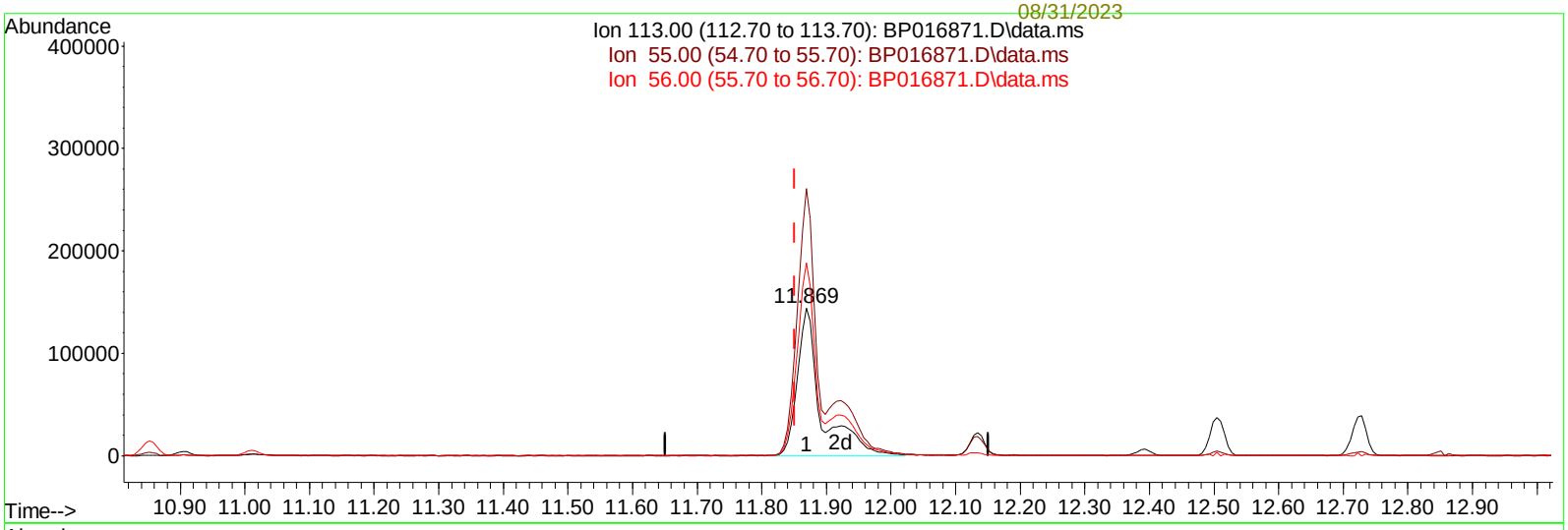

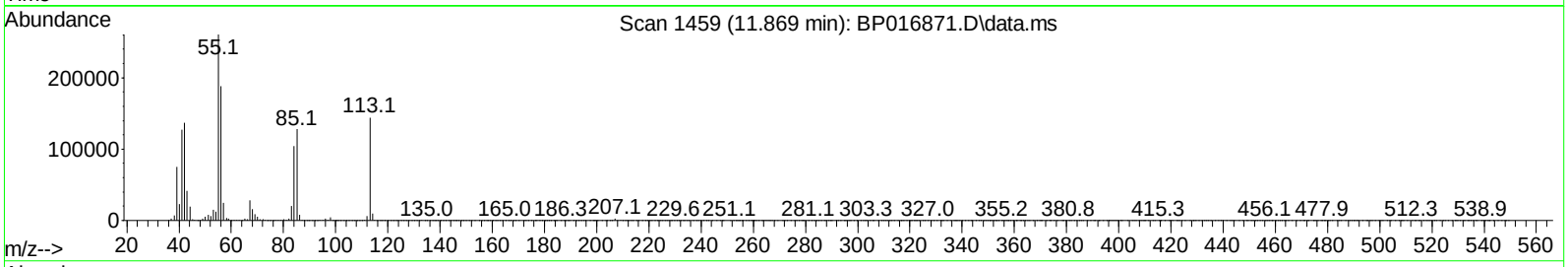

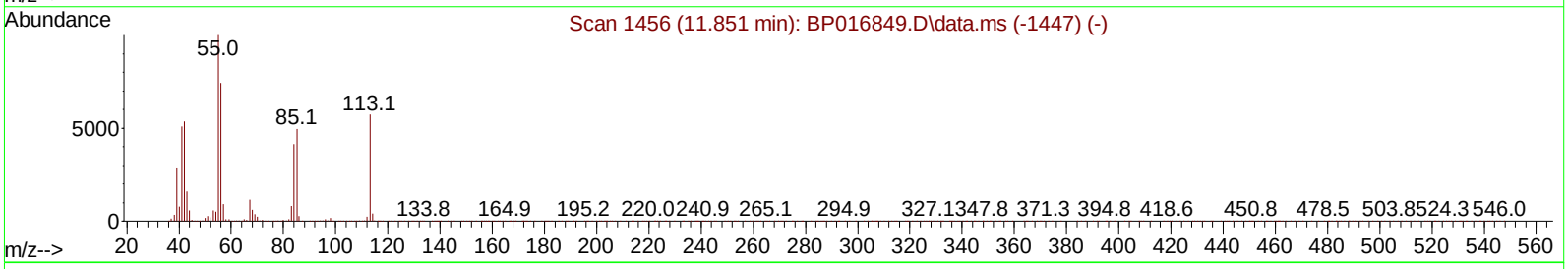

TIC: BP016871.D\data.ms

(34) Caprolactam

11.869min (+ 0.018) 34.61 ng/ul m

response 370288

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	180.78
56.00	130.60	130.49
0.00	0.00	0.00

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08/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	452119	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1943906	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	1186132	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2545895	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1832551	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	1728548	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	74792	6.837	ng/uL	0.00
4) Pyridine-d5	3.811	84	868959	25.993	ng/ul	0.00
7) Phenol-d5	7.169	99	1480395	36.823	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	902080	35.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1094484	36.209	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	1140150	34.741	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	540975	36.807	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	595596	38.444	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	1098649	38.038	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	699027	15.782	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	3218645	35.982	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	3723504	36.822	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	580005	31.371	ng/ul	0.00
60) Fluorene-d10	15.675	176	2764091	36.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	499509	32.946	ng/ul	0.00
73) Anthracene-d10	17.551	188	4228921	37.474	ng/ul	0.00
81) Pyrene-d10	19.781	212	4457864	44.292	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	3299882	38.112	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	157610	13.230	ng/uL	99
5) Pyridine	3.834	79	1033626	30.016	ng/ul	99
6) Benzaldehyde	7.181	77	877803	39.927	ng/ul	99
8) Phenol	7.199	94	1490229	35.420	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.458	93	1166603	34.351	ng/ul	99
12) 2-Chlorophenol	7.575	128	1111778	35.984	ng/ul	100
13) 2-Methylphenol	8.463	108	1096256	34.735	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1665049m	33.610	ng/ul	
16) Acetophenone	8.875	105	1759800	34.581	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.852	70	936356	34.915	ng/ul	100
18) 4-Methylphenol	8.799	108	1193189	34.719	ng/ul	100
19) Hexachloroethane	9.093	117	448916	34.920	ng/ul	99
22) Nitrobenzene	9.269	77	1383589	36.693	ng/ul	100
23) Isophorone	9.787	82	2605712	35.581	ng/ul	100
25) 2-Nitrophenol	9.969	139	635352	37.089	ng/ul	97
26) 2,4-Dimethylphenol	10.005	107	1237627	35.946	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	1606456	35.556	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	1073799	37.011	ng/ul	100
30) Naphthalene	10.905	128	3603467	35.785	ng/ul	100
32) 4-Chloroaniline	11.034	127	1376329	31.619	ng/ul	100
33) Hexachlorobutadiene	11.134	225	611539	34.219	ng/ul	99
34) Caprolactam	11.869	113	370288m	34.609	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	1204966	37.036	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.504	142	2458147	35.366	ng/ul	100
37)	1-Methylnaphthalene	12.728	142	2381978	33.984	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.852	216	1194729	35.340	ng/ul	99
40)	Hexachlorocyclopentadiene	12.804	237	640689	25.771	ng/ul	99
41)	2,4,6-Trichlorophenol	13.104	196	844758	37.419	ng/ul	99
42)	2,4,5-Trichlorophenol	13.175	196	925050	37.867	ng/ul	98
43)	1,1'-Biphenyl	13.510	154	3294187	37.354	ng/ul	99
44)	2-Chloronaphthalene	13.563	162	2580685	37.069	ng/ul	100
45)	2-Nitroaniline	13.793	65	813497	38.530	ng/ul	99
47)	Dimethylphthalate	14.140	163	3243436	35.803	ng/ul	100
48)	2,6-Dinitrotoluene	14.281	165	680000	38.307	ng/ul	99
50)	Acenaphthylene	14.410	152	4042999	34.932	ng/ul	100
51)	3-Nitroaniline	14.622	138	711960	38.517	ng/ul	99
52)	Acenaphthene	14.746	153	2778361	36.285	ng/ul	99
53)	2,4-Dinitrophenol	14.816	184	316082	24.504	ng/ul	98
55)	4-Nitrophenol	14.904	109	448104	32.093	ng/ul	97
56)	Dibenzofuran	15.081	168	3815317	36.315	ng/ul	99
57)	2,4-Dinitrotoluene	15.063	165	980444	37.524	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.293	232	742781	35.716	ng/ul	99
59)	Diethylphthalate	15.493	149	3314801	36.018	ng/ul	99
61)	Fluorene	15.734	166	3181489	36.204	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.722	204	1556503	36.076	ng/ul	99
63)	4-Nitroaniline	15.793	138	689881	39.223	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.816	198	504525	30.865	ng/ul	97
67)	N-Nitrosodiphenylamine	15.945	169	2672117	37.948	ng/ul	100
68)	4-Bromophenyl-phenylether	16.622	248	904818	37.069	ng/ul	93
69)	Hexachlorobenzene	16.704	284	991212	36.269	ng/ul	96
70)	Atrazine	16.898	200	588385	22.164	ng/ul	100
71)	Pentachlorophenol	17.069	266	587828	28.975	ng/ul	99
72)	Phenanthrene	17.492	178	4949306	36.927	ng/ul	99
74)	Anthracene	17.587	178	4975702	36.715	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.463	216	120123	3.524	ng/uL	98
76)	Pentachlorobenzene	14.969	250	1200982	39.423	ng/uL	99
77)	Carbazole	17.863	167	4462516	36.562	ng/ul	100
78)	Di-n-butylphthalate	18.375	149	5730544	37.633	ng/ul	100
80)	Fluoranthene	19.451	202	5446607	45.049	ng/ul	99
82)	Pyrene	19.810	202	5514361	44.154	ng/ul	99
83)	Butylbenzylphthalate	20.669	149	2383120	44.246	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.469	252	1465575	37.416	ng/ul	99
85)	Benzo(a)anthracene	21.528	228	4709175	37.307	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.404	149	3436504	43.697	ng/ul	100
87)	Chrysene	21.586	228	4314000	37.624	ng/ul	99
89)	Di-n-octyl phthalate	22.380	149	5209738	40.022	ng/ul	100
90)	Benzo(b)fluoranthene	23.316	252	4124016	37.362	ng/ul	99
91)	Benzo(k)fluoranthene	23.369	252	4142011	37.943	ng/ul	99
93)	Benzo(a)pyrene	23.998	252	3647626	36.534	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.845	276	4538353	44.483	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.874	278	3729085	44.007	ng/ul	99
96)	Benzo(g,h,i)perylene	27.704	276	3643681	47.107	ng/ul	99

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

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