Quantitation Report (Qedit)

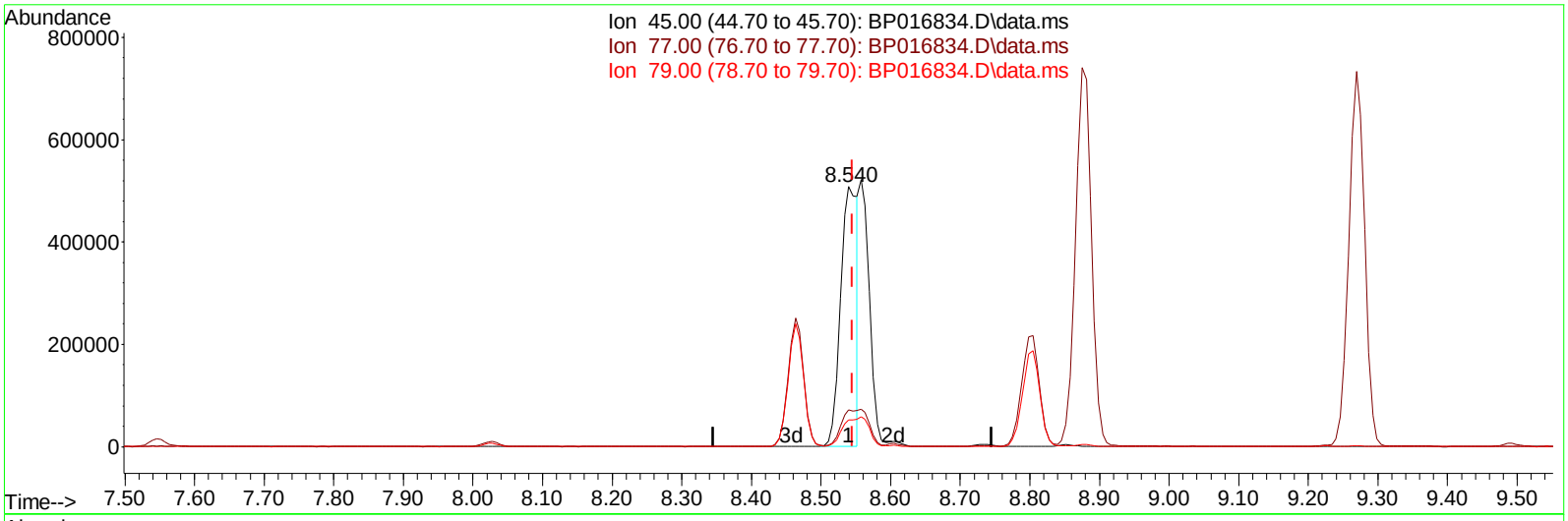
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016834.D
Acq On : 29 Aug 2023 16:12
Operator : MA/JU
Sample : PB155078BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

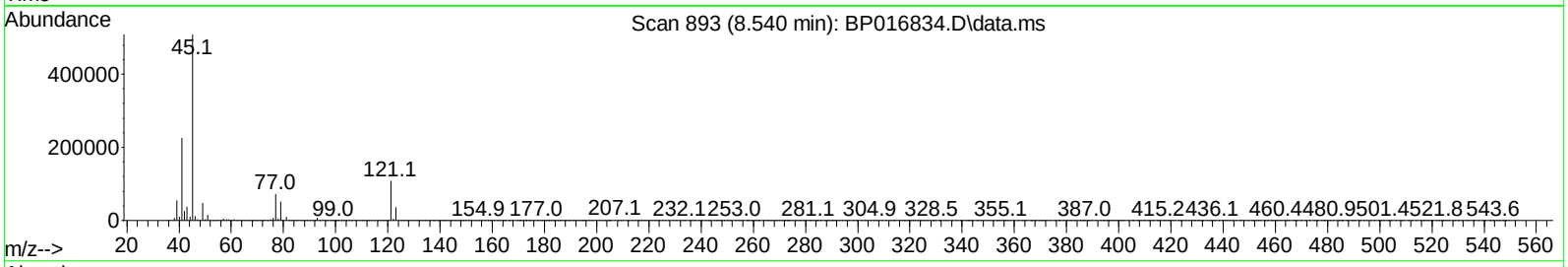
Quant Time: Aug 29 22:26:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 01:12:28 2023
Response via : Initial Calibration

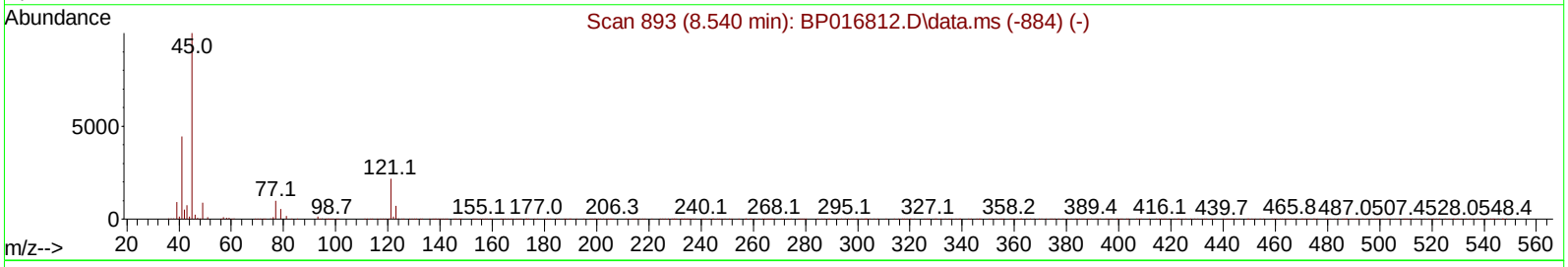
Instrument :
BNA_P
ClientSampleId :
SLCS078

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/31/2023







TIC: BP016834.D\data.ms

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

8.540min (-0.006) 19.98 ng/ul

response 851918

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.10
79.00	10.30	10.29
0.00	0.00	0.00

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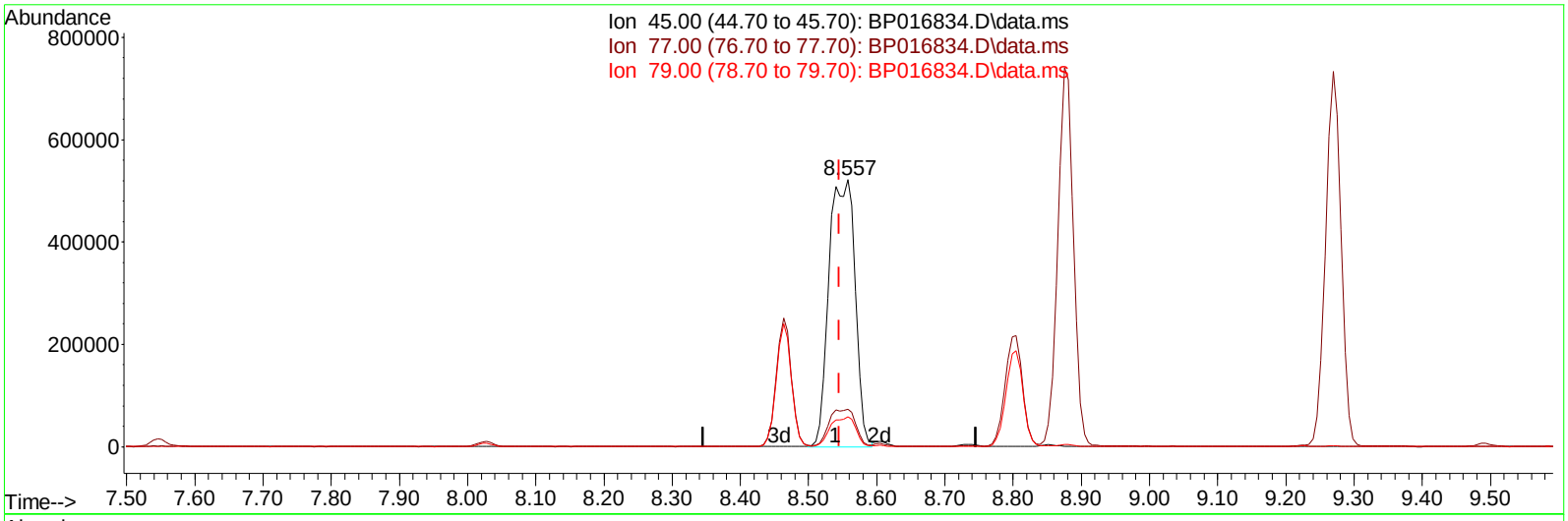

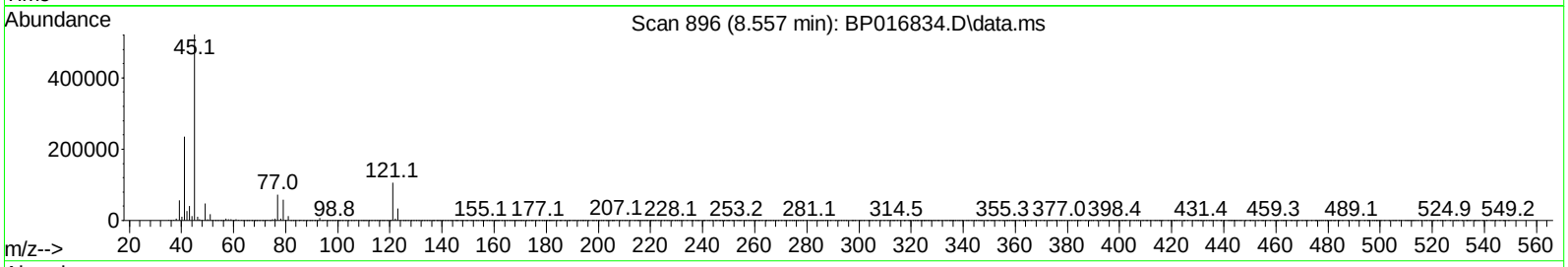

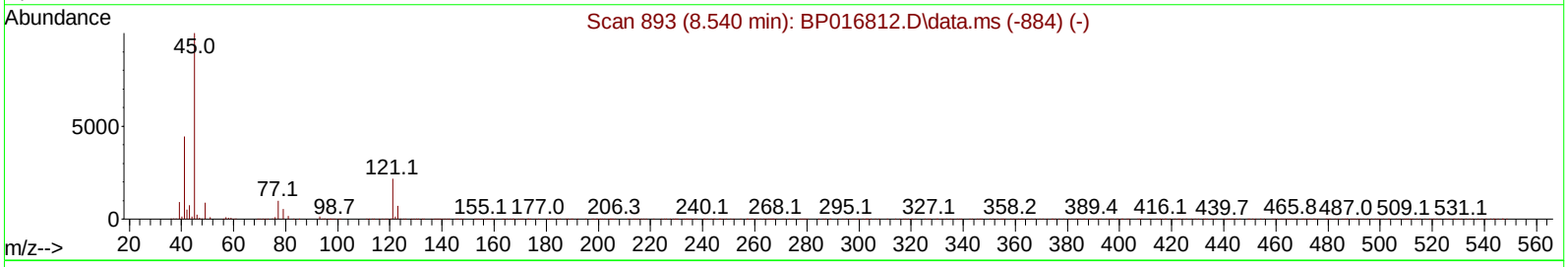

TIC: BP016834.D\data.ms

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

8.557min (+ 0.012) 32.39 ng/ul m

response 1380987

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	13.90	14.02
79.00	10.30	11.19
0.00	0.00	0.00

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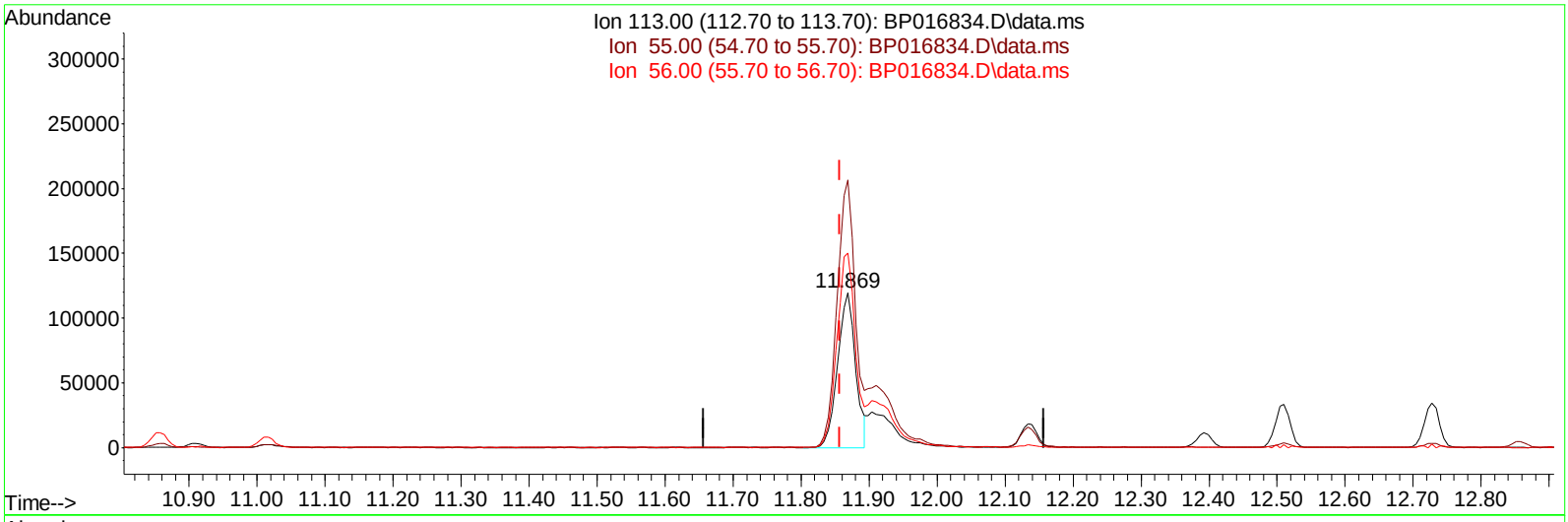

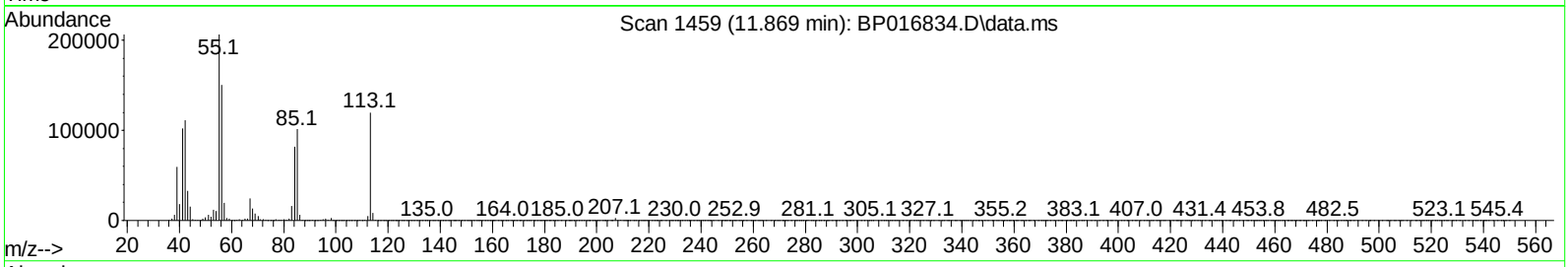

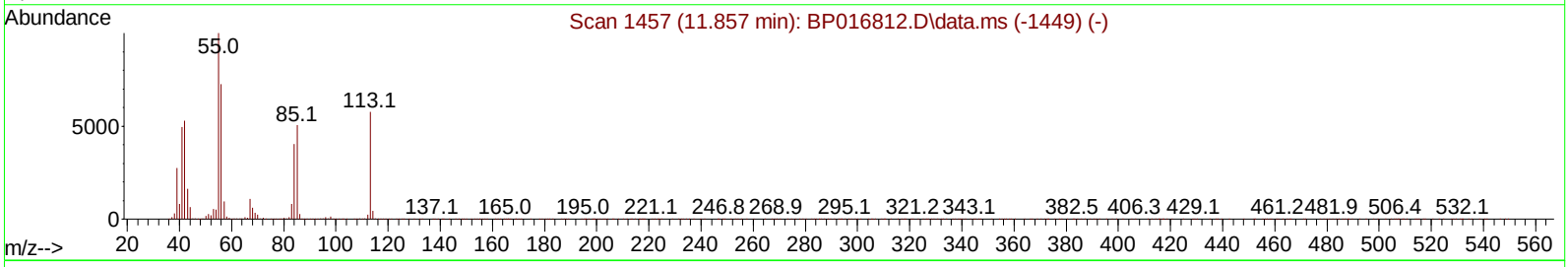

TIC: BP016834.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 23.06 ng/ul

response 219220

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	172.47
56.00	130.60	125.53
0.00	0.00	0.00

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Acq On : 29 Aug 2023 16:12
Operator : MA/JU
Sample : PB155078BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Aug 29 23:12:14 2023
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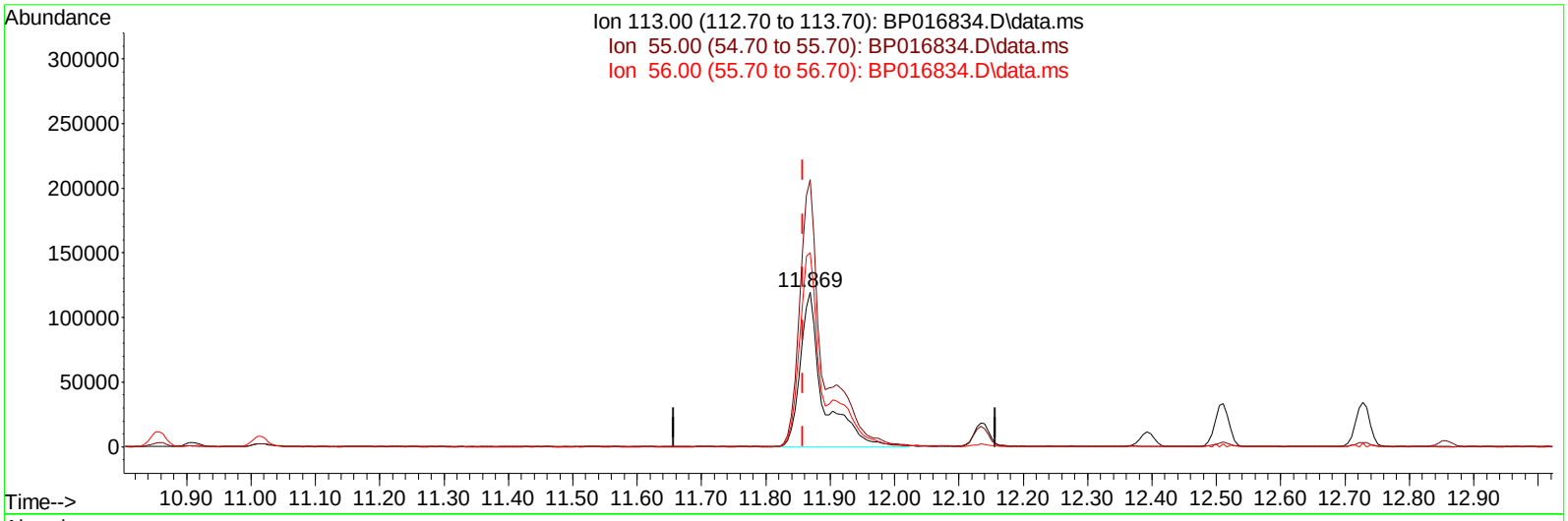

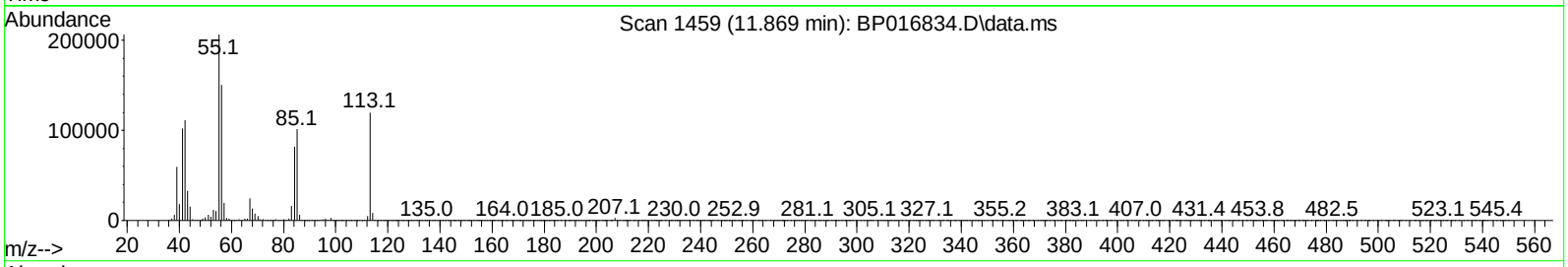

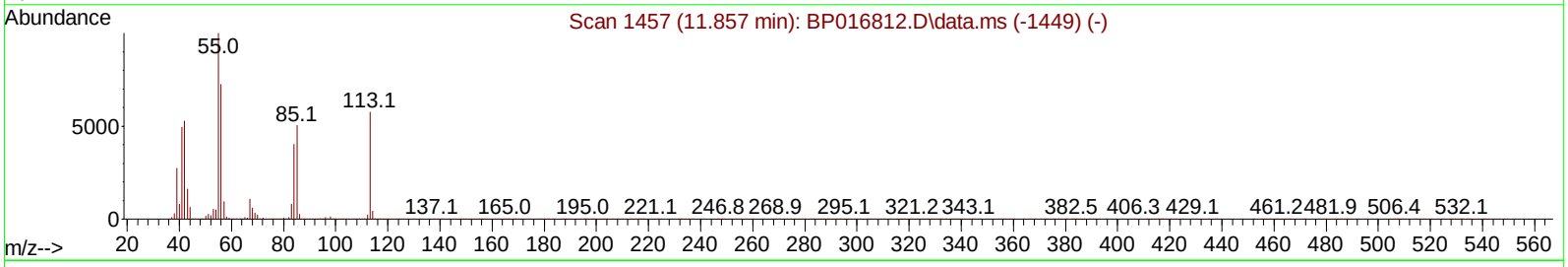

TIC: BP016834.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 31.42 ng/ul m

response 298666

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.70	172.47
56.00	130.60	125.53
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.028	152	389086	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1726921	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1085692	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2330981	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1655005	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1453440	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	58977	6.265	ng/uL	0.00
4) Pyridine-d5	3.816	84	904868	31.453	ng/ul	0.00
7) Phenol-d5	7.169	99	1212311	35.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	733488	33.264	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	892976	34.328	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	942521	33.371	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	450523	34.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	496810	36.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	917361	35.752	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	1198402	30.456	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	2700999	32.989	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	3197722	34.548	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	497695	29.409	ng/ul	0.00
60) Fluorene-d10	15.675	176	2361099	34.244	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	418581	30.153	ng/ul	0.00
73) Anthracene-d10	17.551	188	3580165	34.651	ng/ul	0.00
81) Pyrene-d10	19.780	212	3847175	42.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	2547832	34.996	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	139541	13.611	ng/uL	99
5) Pyridine	3.834	79	915669	30.899	ng/ul	100
6) Benzaldehyde	7.181	77	696682	36.822	ng/ul	100
8) Phenol	7.199	94	1252785	34.600	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.457	93	976510	33.412	ng/ul	99
12) 2-Chlorophenol	7.581	128	931375	35.028	ng/ul	98
13) 2-Methylphenol	8.463	108	918595	33.821	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1380987m	32.392	ng/ul	
16) Acetophenone	8.881	105	1495351	34.145	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.851	70	796794	34.524	ng/ul	99
18) 4-Methylphenol	8.804	108	1010053	34.151	ng/ul	98
19) Hexachloroethane	9.099	117	371268	33.559	ng/ul	99
22) Nitrobenzene	9.269	77	1165235	34.785	ng/ul	100
23) Isophorone	9.787	82	2205433	33.899	ng/ul	100
25) 2-Nitrophenol	9.975	139	540833	35.538	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	1006303	32.899	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	1364199	33.987	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	926079	35.931	ng/ul	99
30) Naphthalene	10.910	128	3075030	34.374	ng/ul	100
32) 4-Chloroaniline	11.040	127	1179372	30.499	ng/ul	100
33) Hexachlorobutadiene	11.140	225	524414	33.031	ng/ul	98
34) Caprolactam	11.869	113	298666m	31.422	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	1029201	35.609	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.510	142	2095741	33.941	ng/ul	100
37) 1-Methylnaphthalene	12.728	142	2095761	33.658	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.857	216	1052395	34.010	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	545121	23.955	ng/ul	99
41) 2,4,6-Trichlorophenol	13.110	196	730694	35.361	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	796726	35.631	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	2839904	35.181	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	2234509	35.066	ng/ul	99
45) 2-Nitroaniline	13.798	65	697109	36.072	ng/ul	96
47) Dimethylphthalate	14.139	163	2802228	33.794	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	590712	36.356	ng/ul	98
50) Acenaphthylene	14.410	152	3475499	32.807	ng/ul	99
51) 3-Nitroaniline	14.622	138	592726	35.033	ng/ul	100
52) Acenaphthene	14.745	153	2406761	34.340	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	272010	23.039	ng/ul	99
55) 4-Nitrophenol	14.904	109	385291	30.147	ng/ul	98
56) Dibenzofuran	15.081	168	3348464	34.820	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	848943	35.497	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.298	232	660739	34.710	ng/ul	97
59) Diethylphthalate	15.498	149	2893751	34.352	ng/ul	99
61) Fluorene	15.733	166	2790231	34.689	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	1351295	34.217	ng/ul	98
63) 4-Nitroaniline	15.792	138	567471	35.248	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.816	198	438286	29.285	ng/ul	95
67) N-Nitrosodiphenylamine	15.945	169	2342305	36.331	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	804950	36.018	ng/ul	98
69) Hexachlorobenzene	16.710	284	877454	35.067	ng/ul	99
70) Atrazine	16.904	200	730733	30.064	ng/ul	99
71) Pentachlorophenol	17.075	266	518639	27.922	ng/ul	98
72) Phenanthrene	17.492	178	4333644	35.315	ng/ul	100
74) Anthracene	17.586	178	4316059	34.784	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	1037557	33.243	ng/uL	99
76) Pentachlorobenzene	14.975	250	1004649	36.019	ng/uL	99
77) Carbazole	17.869	167	3939855	35.256	ng/ul	100
78) Di-n-butylphthalate	18.375	149	5005356	35.901	ng/ul	100
80) Fluoranthene	19.451	202	4814328	44.092	ng/ul	98
82) Pyrene	19.810	202	4866397	43.146	ng/ul	98
83) Butylbenzylphthalate	20.669	149	2106581	43.308	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.468	252	1227572	34.702	ng/ul	100
85) Benzo(a)anthracene	21.527	228	4004129	35.125	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	3030615	42.670	ng/ul	100
87) Chrysene	21.586	228	3717877	35.903	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	4559763	41.659	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	3341193	35.999	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	3289656	35.839	ng/ul	99
93) Benzo(a)pyrene	23.998	252	2853369	33.988	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	3535674	41.215	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	2923723	41.034	ng/ul	99
96) Benzo(g,h,i)perylene	27.698	276	2870698	44.139	ng/ul	98

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

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