Quantitation Report (Qedit)

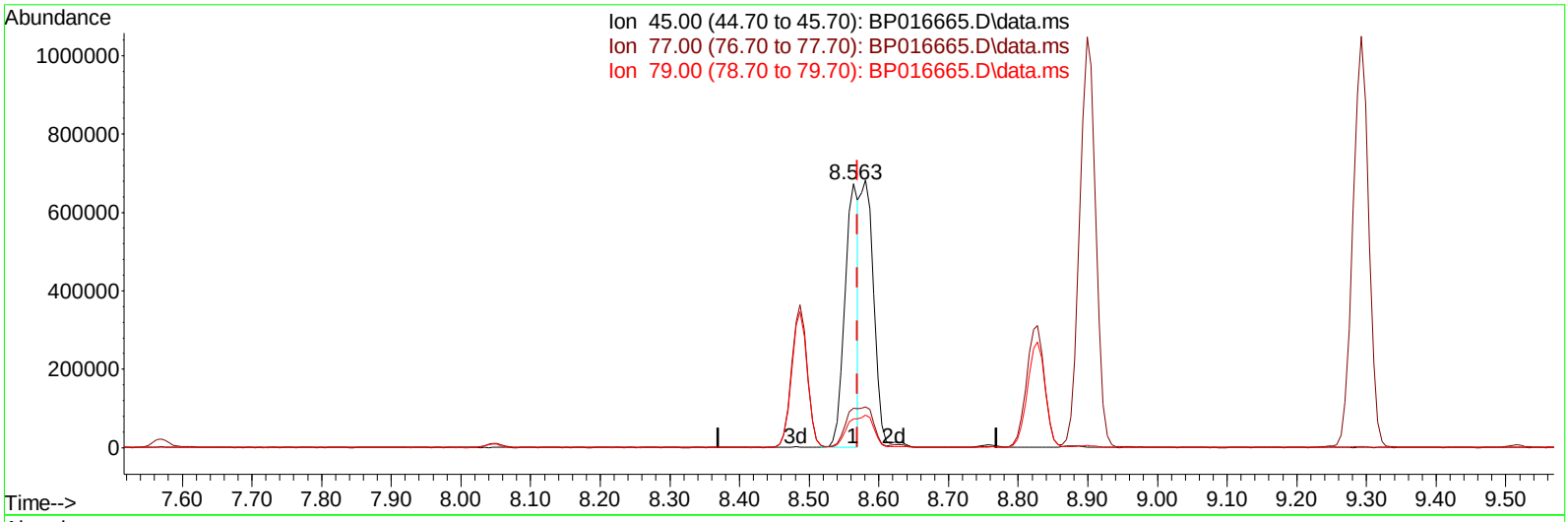
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016665.D
Acq On : 19 Aug 2023 06:00
Operator : MA/JU
Sample : PB154876BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

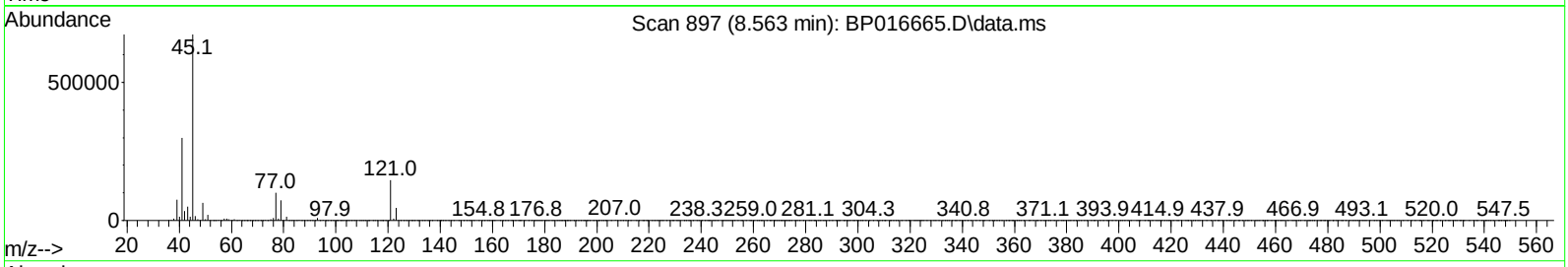
Quant Time: Aug 19 06:31:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

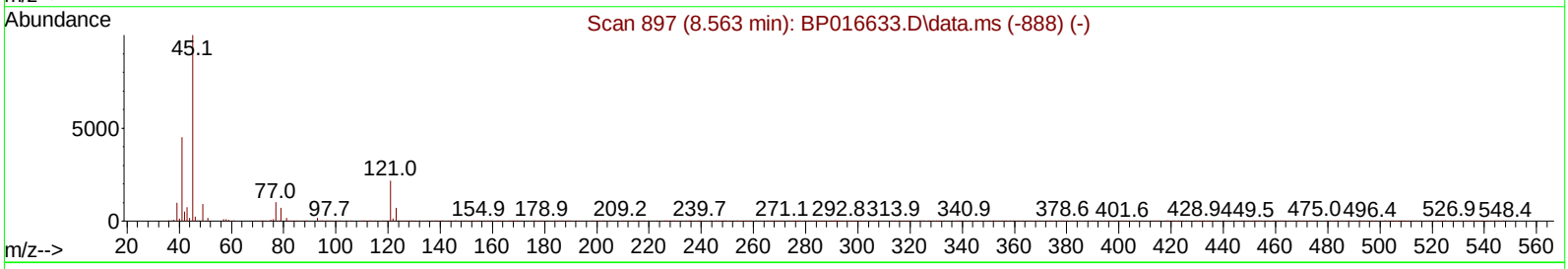
Instrument :
BNA_P
ClientSampleId :
SLCS876

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023







TIC: BP016665.D\data.ms

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

8.563min (-0.006) 19.42 ng/ul

response 912051

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.06
79.00	10.30	10.99
0.00	0.00	0.00

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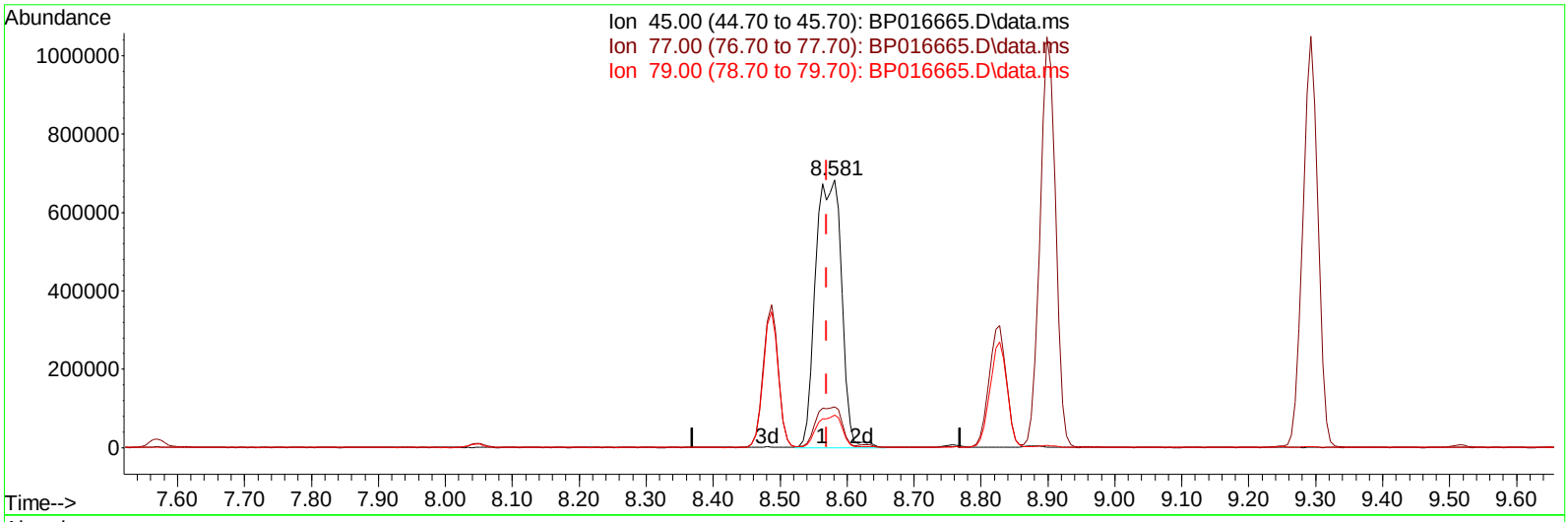

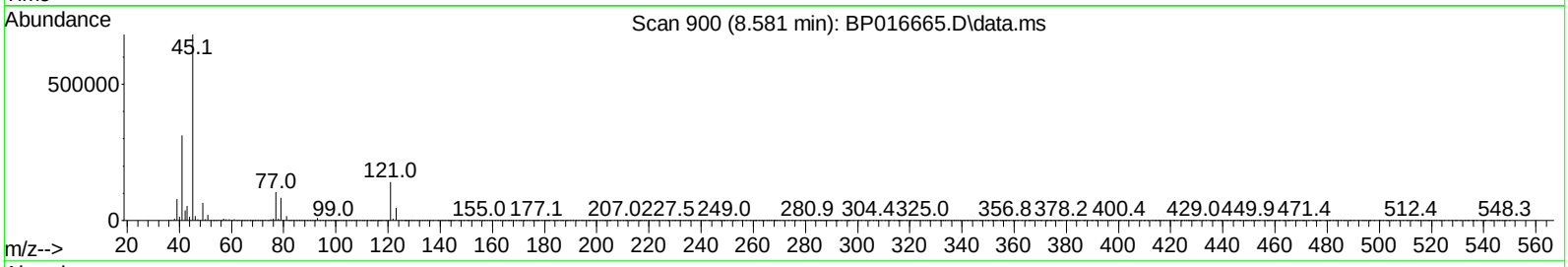

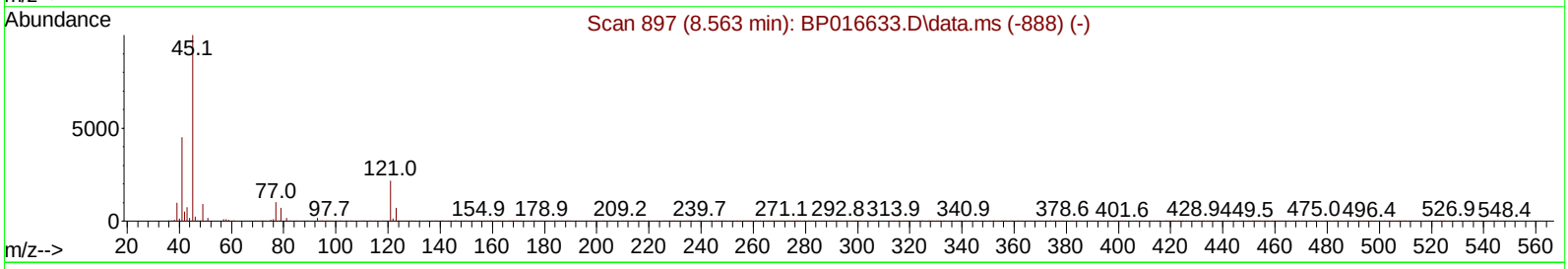

TIC: BP016665.D\data.ms

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

8.581min (+ 0.012) 39.31 ng/ul m

response 1845620

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.17
79.00	10.30	12.14
0.00	0.00	0.00

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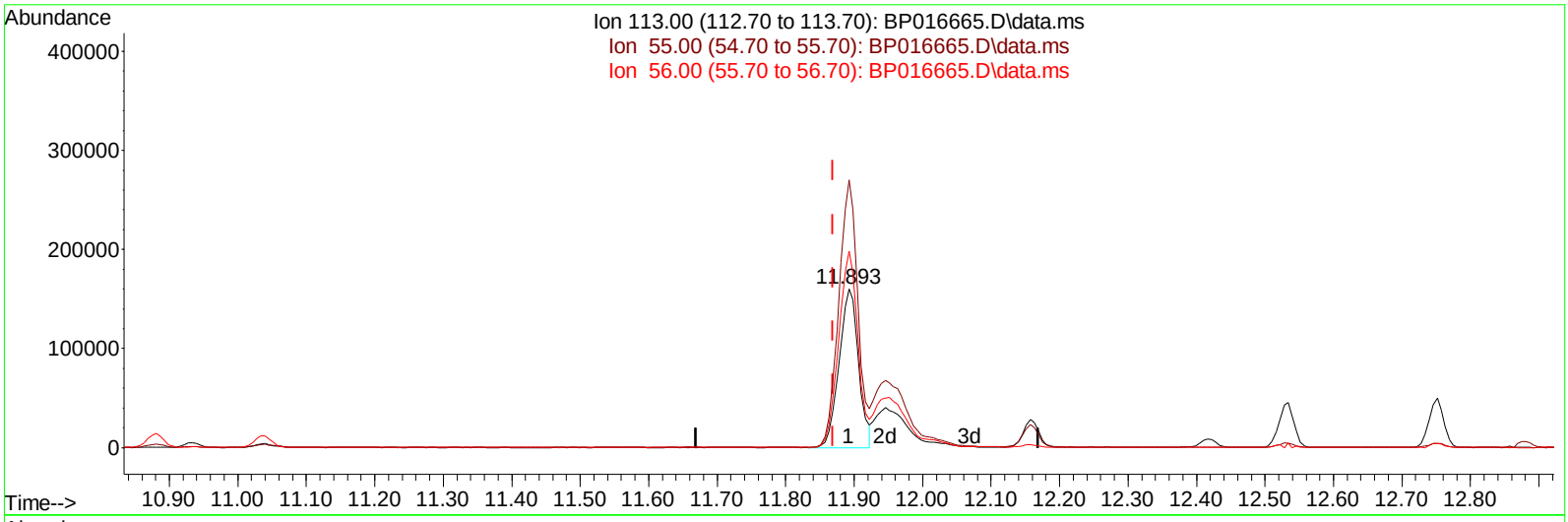

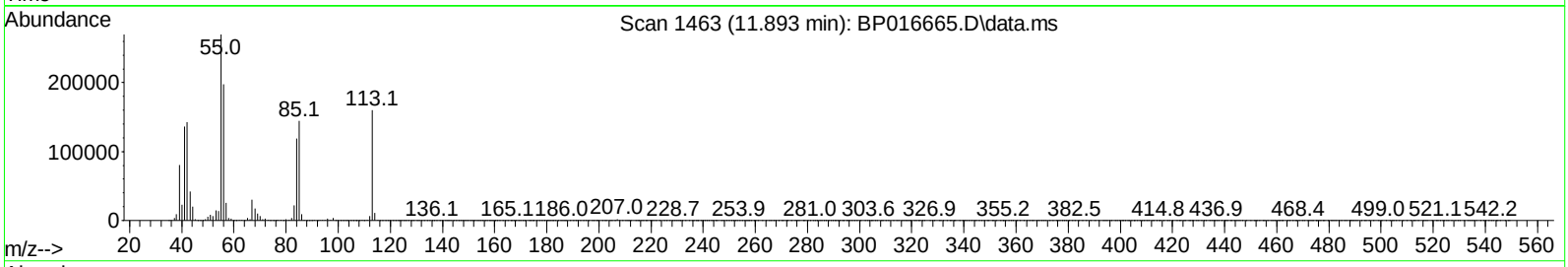

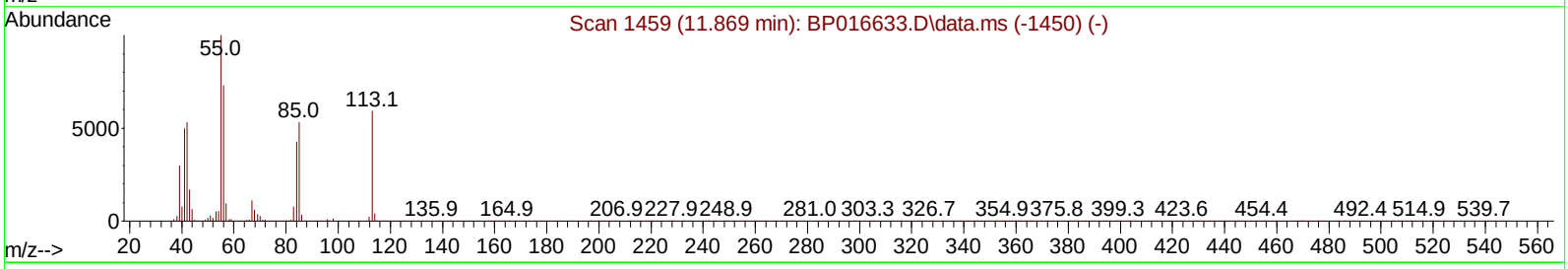

TIC: BP016665.D\data.ms

(34) Caprolactam

11.893min (+ 0.023) 31.26 ng/ul

response 314821

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	168.45
56.00	126.90	123.64
0.00	0.00	0.00

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Sample : PB154876BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 19 06:32:07 2023
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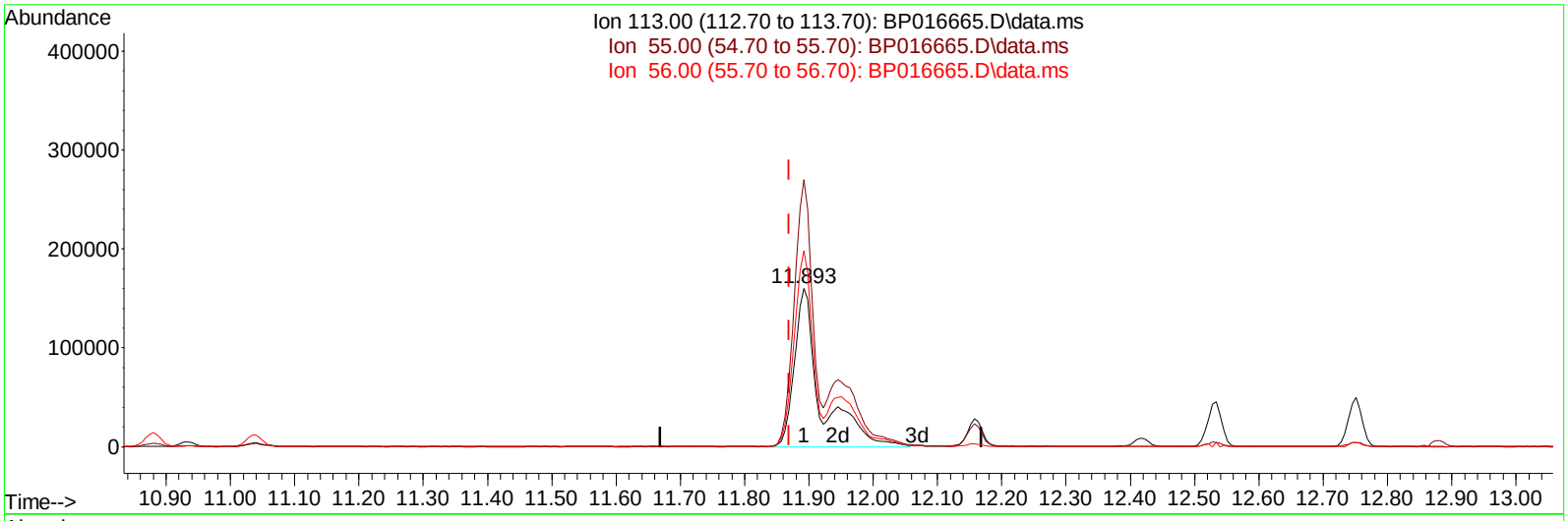

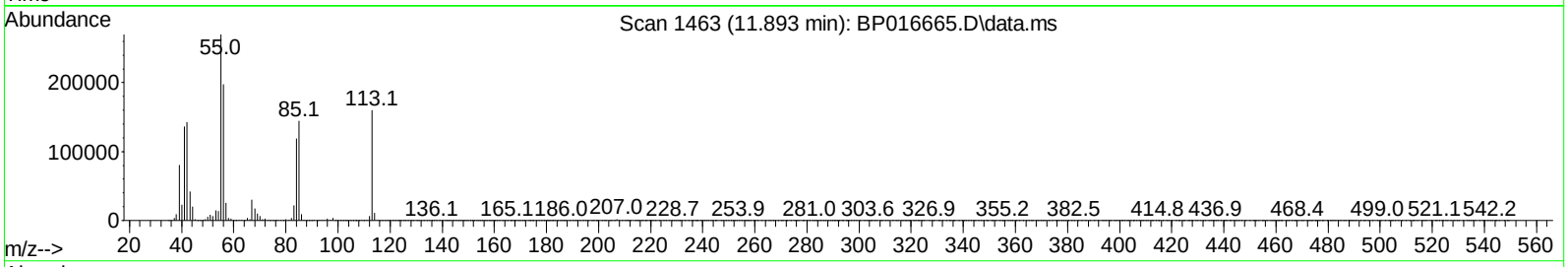

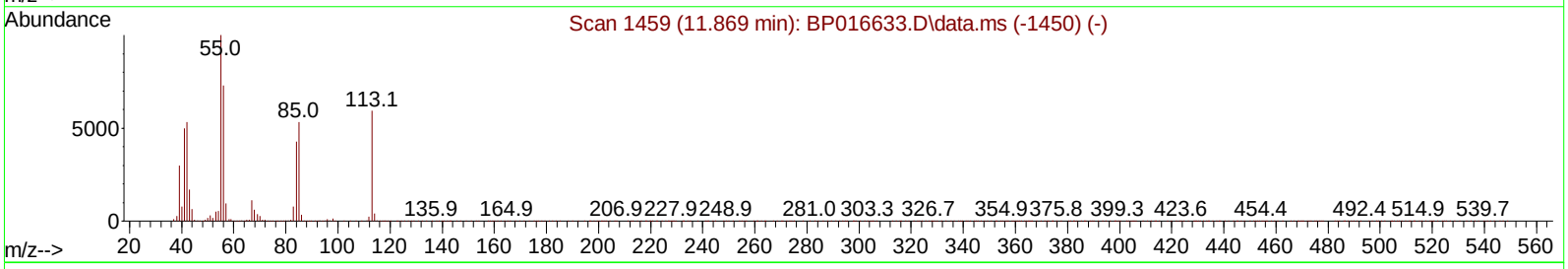

TIC: BP016665.D\data.ms

(34) Caprolactam

11.893min (+ 0.023) 44.67 ng/ul m

response 449853

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	168.45
56.00	126.90	123.64
0.00	0.00	0.00

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Acq On : 19 Aug 2023 06:00
Operator : MA/JU
Sample : PB154876BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 19 06:32:36 2023
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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	8.052	152	423282	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1913187	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	1156318	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2430041	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1621335	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1489363	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	88780	7.970	ng/uL	0.00
4) Pyridine-d5	3.828	84	1321991	39.007	ng/ul	0.00
7) Phenol-d5	7.193	99	1757314	45.032	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	1059522	41.222	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	1236881	44.129	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	1352271	43.581	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	637913	47.387	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	687747	53.790	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	1225618	48.710	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	1746424	40.453	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	3611472	43.181	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	4207691	44.573	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	711902	41.784	ng/ul	0.01
60) Fluorene-d10	15.698	176	3033802	42.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	542457	46.923	ng/ul	0.00
73) Anthracene-d10	17.569	188	4580064	43.573	ng/ul	0.00
81) Pyrene-d10	19.798	212	4856377	57.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	3273210	45.859	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	198318	16.192	ng/uL	100
5) Pyridine	3.846	79	1315160	37.402	ng/ul	100
6) Benzaldehyde	7.205	77	997530	46.372	ng/ul	98
8) Phenol	7.222	94	1779673	42.669	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.481	93	1381238	40.997	ng/ul	99
12) 2-Chlorophenol	7.605	128	1269043	43.031	ng/ul	99
13) 2-Methylphenol	8.487	108	1308671	43.196	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	1845620m	39.305	ng/ul	
16) Acetophenone	8.899	105	2083329	41.577	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.875	70	1165584	43.373	ng/ul	99
18) 4-Methylphenol	8.828	108	1436707	43.148	ng/ul	99
19) Hexachloroethane	9.122	117	520206	42.220	ng/ul	99
22) Nitrobenzene	9.293	77	1661746	44.096	ng/ul	98
23) Isophorone	9.810	82	3286312	46.170	ng/ul	100
25) 2-Nitrophenol	9.999	139	739603	50.600	ng/ul	97
26) 2,4-Dimethylphenol	10.034	107	1430906	41.525	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.293	93	1961786	42.997	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	1209369	46.714	ng/ul	100
30) Naphthalene	10.934	128	4132762	41.344	ng/ul	99
32) 4-Chloroaniline	11.063	127	1698000	39.710	ng/ul	100
33) Hexachlorobutadiene	11.163	225	663645	42.526	ng/ul	98
34) Caprolactam	11.893	113	449853m	44.665	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	1503318	47.507	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.534	142	2801907	41.846	ng/ul	99
37) 1-Methylnaphthalene	12.751	142	2781816	41.262	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.881	216	1348298	43.594	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	734391	39.025	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	954430	49.585	ng/ul	98
42) 2,4,5-Trichlorophenol	13.198	196	1051417	50.392	ng/ul	99
43) 1,1'-Biphenyl	13.540	154	3696236	43.004	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	2852197	42.650	ng/ul	99
45) 2-Nitroaniline	13.816	65	1026269	50.755	ng/ul	94
47) Dimethylphthalate	14.163	163	3682984	43.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	786232	53.082	ng/ul	97
50) Acenaphthylene	14.434	152	4545396	40.885	ng/ul	99
51) 3-Nitroaniline	14.640	138	836221	50.352	ng/ul	94
52) Acenaphthene	14.769	153	3116563	41.878	ng/ul	98
53) 2,4-Dinitrophenol	14.840	184	369407	44.801	ng/ul	93
55) 4-Nitrophenol	14.928	109	583872	42.154	ng/ul	98
56) Dibenzofuran	15.104	168	4231996	41.680	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	1110499	50.067	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	847835	48.500	ng/ul	97
59) Diethylphthalate	15.516	149	3818261	43.671	ng/ul	99
61) Fluorene	15.751	166	3435738	41.267	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	1628046	41.657	ng/ul	99
63) 4-Nitroaniline	15.816	138	808192	50.851	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.839	198	556251	43.396	ng/ul#	93
67) N-Nitrosodiphenylamine	15.969	169	2990956	45.407	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	1017786	46.909	ng/ul	97
69) Hexachlorobenzene	16.728	284	1137804	44.881	ng/ul	98
70) Atrazine	16.922	200	1014714	42.819	ng/ul	99
71) Pentachlorophenol	17.092	266	689312	44.162	ng/ul	99
72) Phenanthrene	17.510	178	5453266	42.595	ng/ul	99
74) Anthracene	17.604	178	5425924	42.194	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	1346437	43.599	ng/uL	97
76) Pentachlorobenzene	14.998	250	1277219	46.094	ng/uL	99
77) Carbazole	17.886	167	5084167	42.902	ng/ul	99
78) Di-n-butylphthalate	18.392	149	6558094	47.806	ng/ul	99
80) Fluoranthene	19.469	202	5951361	58.695	ng/ul	98
82) Pyrene	19.833	202	5992557	55.969	ng/ul	96
83) Butylbenzylphthalate	20.686	149	2801778	64.958	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.486	252	1524240	43.173	ng/ul	99
85) Benzo(a)anthracene	21.551	228	4792864	43.986	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	3900662	62.313	ng/ul#	97
87) Chrysene	21.604	228	4427674	43.424	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	5661388	60.919	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	4052165	45.694	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	4048255	46.015	ng/ul	99
93) Benzo(a)pyrene	24.033	252	3535175	42.259	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	4686072	47.463	ng/ul	99
95) Dibenzo(a,h)anthracene	26.927	278	3892747	47.377	ng/ul	99
96) Benzo(g,h,i)perylene	27.762	276	3874090	49.302	ng/ul	98

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

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