Quantitation Report (Qedit)

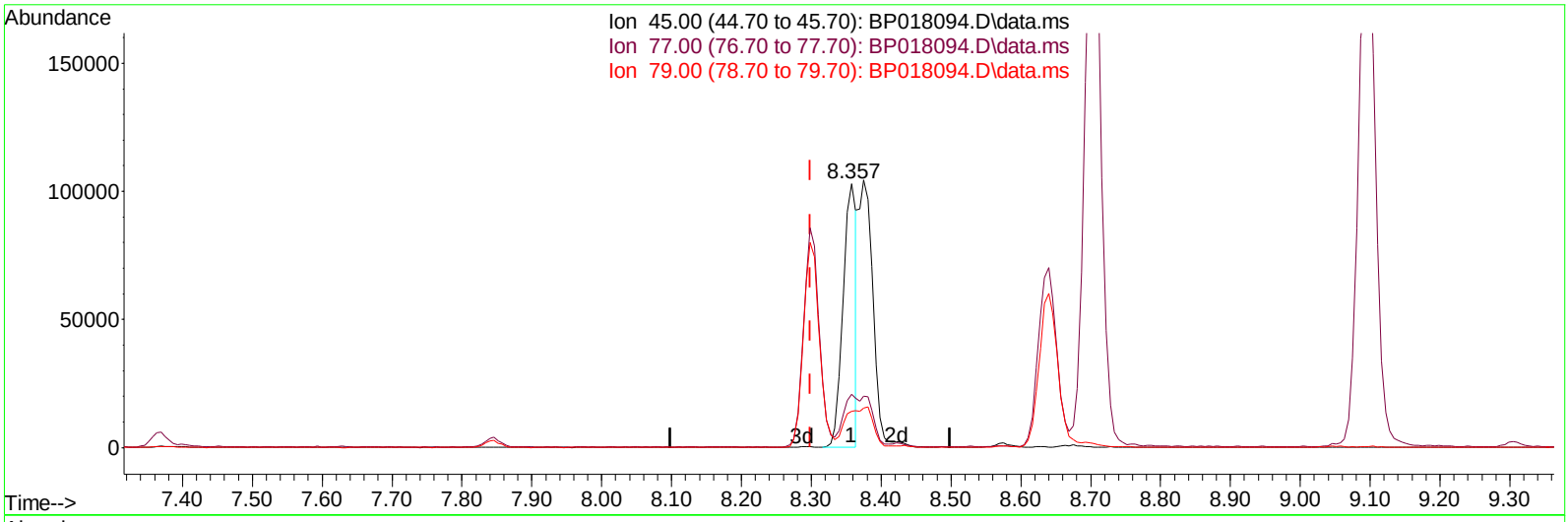
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018094.D
Acq On : 12 Nov 2023 07:36
Operator : MA/JU
Sample : PB156719BS
Misc :
ALS Vial : 73 Sample Multiplier: 1

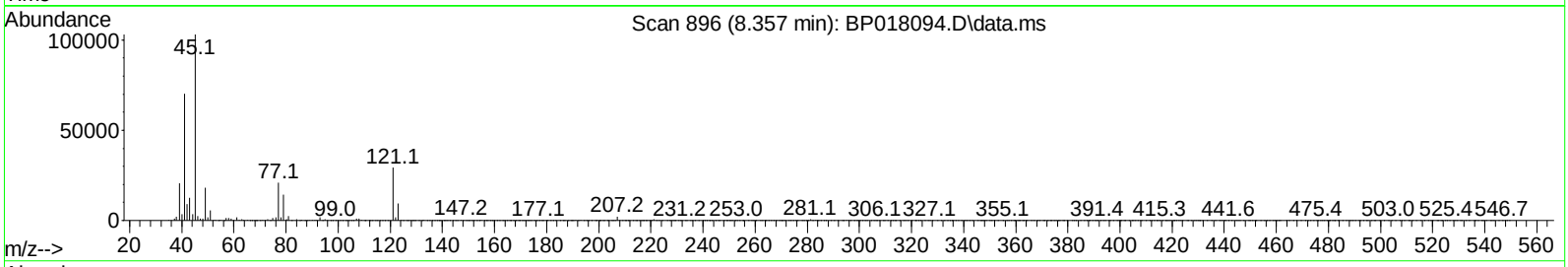
Quant Time: Nov 15 15:01:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 15:50:18 2023
Response via : Initial Calibration

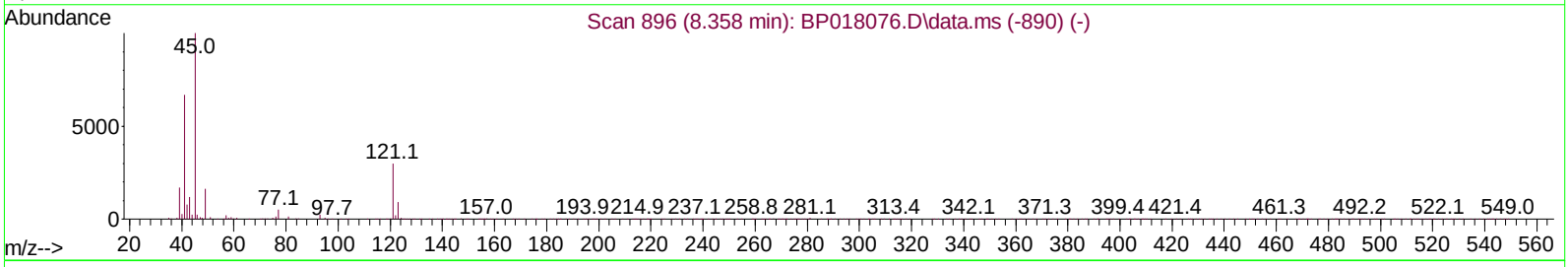
Instrument :
BNA_P
ClientSampleId :
SLCS719

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP018094.D\data.ms

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

8.357min (+ 0.059) 12.99 ng/ul

response 135297

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	20.19
79.00	13.90	13.77
0.00	0.00	0.00

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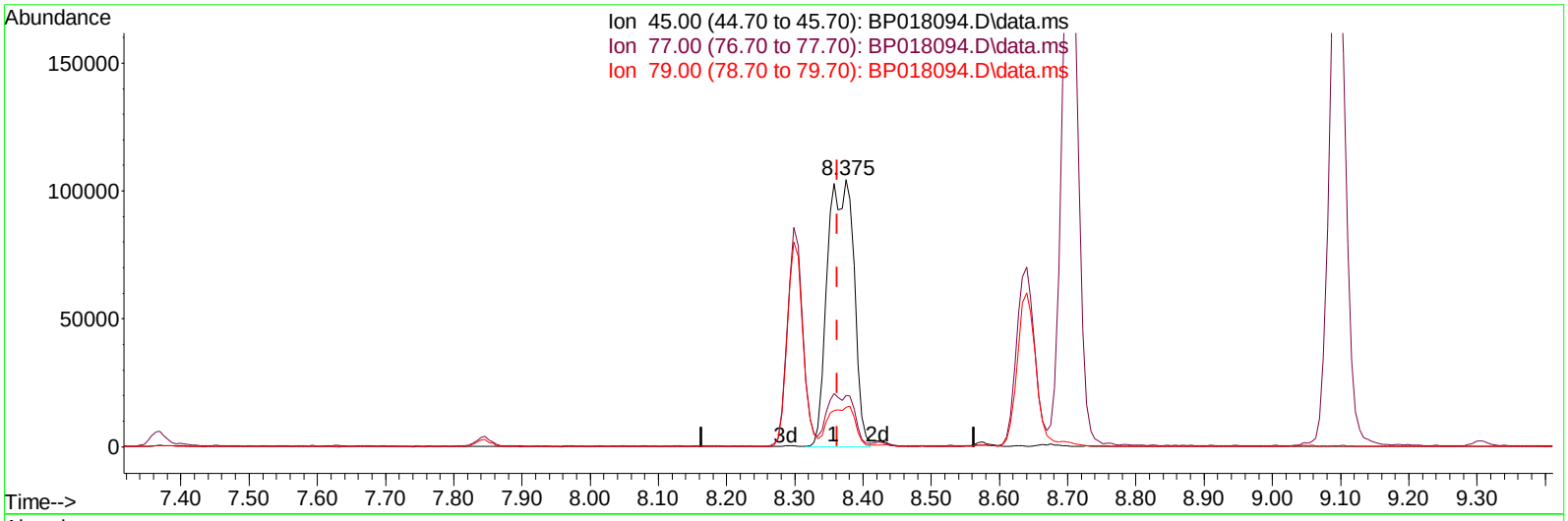

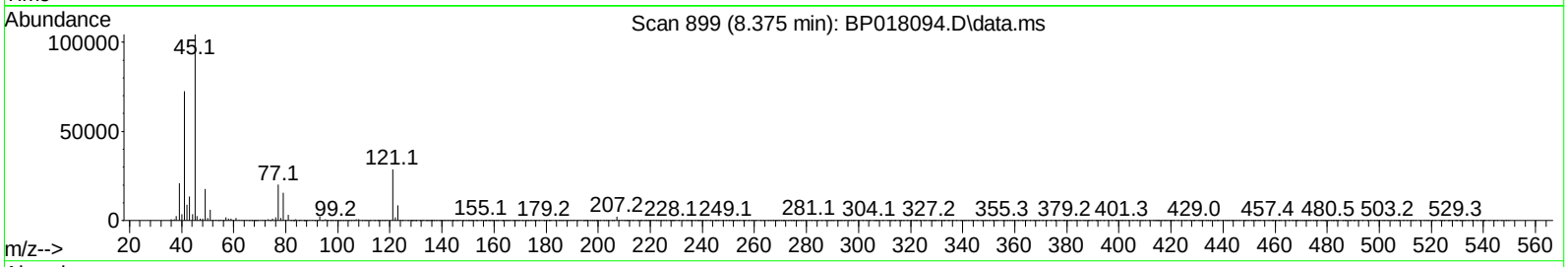

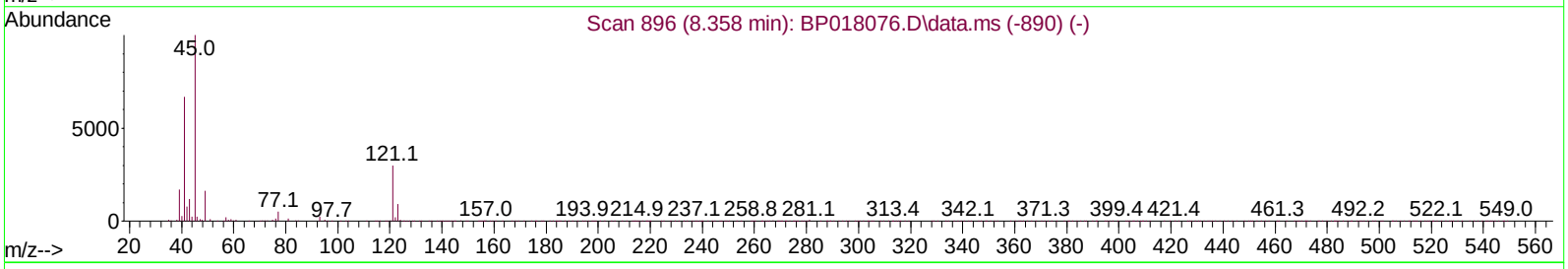

TIC: BP018094.D\data.ms

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

8.375min (+ 0.012) 27.10 ng/ul m

response 282274

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.28
79.00	13.90	14.77
0.00	0.00	0.00

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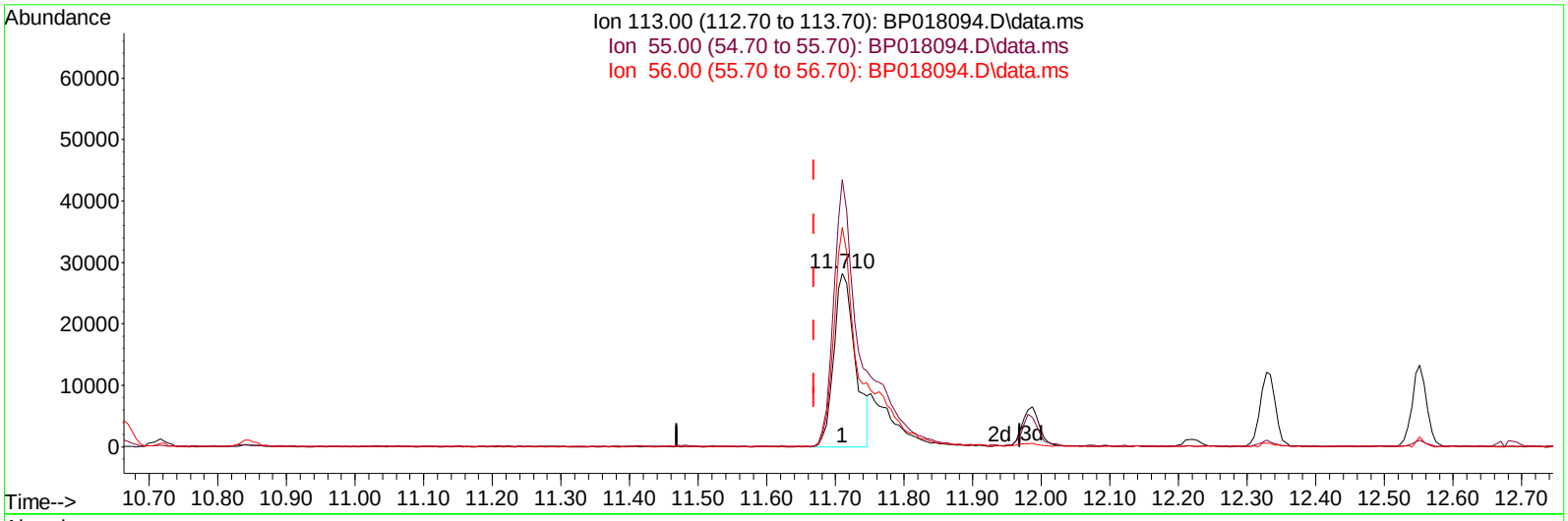

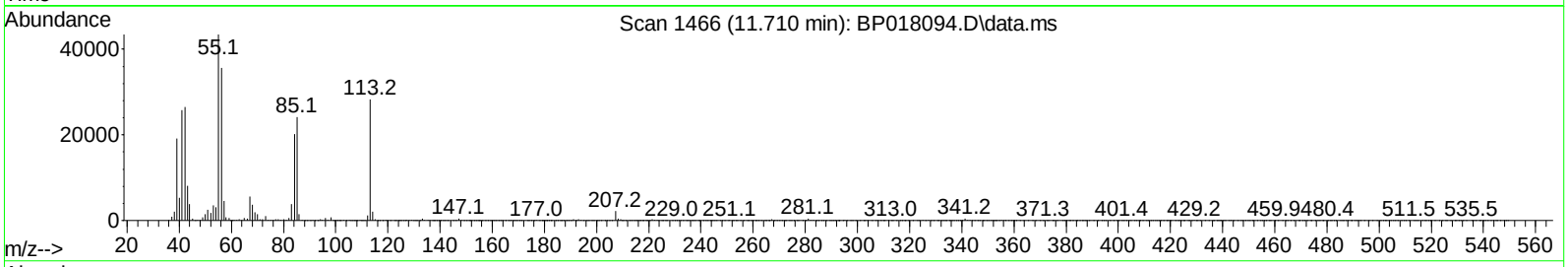

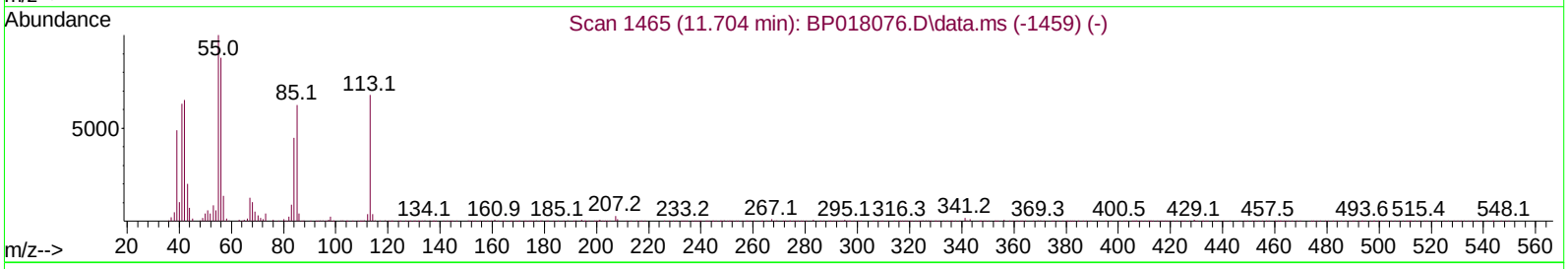

TIC: BP018094.D\data.ms

(34) Caprolactam

11.710min (+ 0.041) 19.54 ng/ul

response 61028

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	153.93
56.00	119.50	126.34
0.00	0.00	0.00

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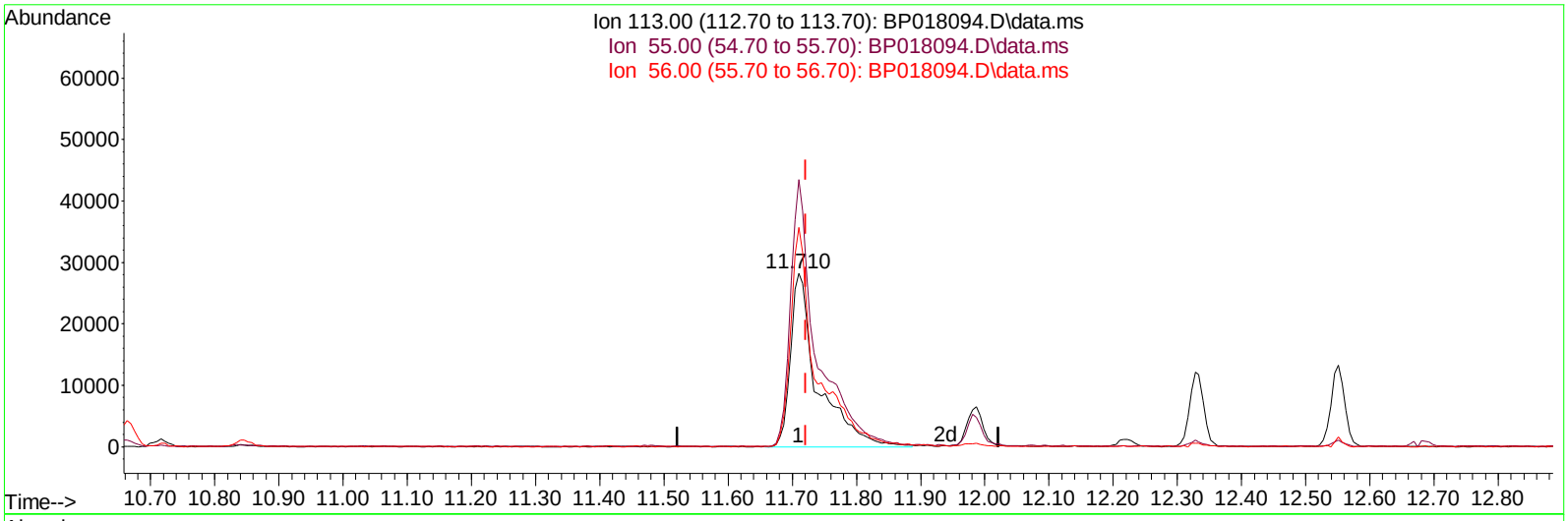

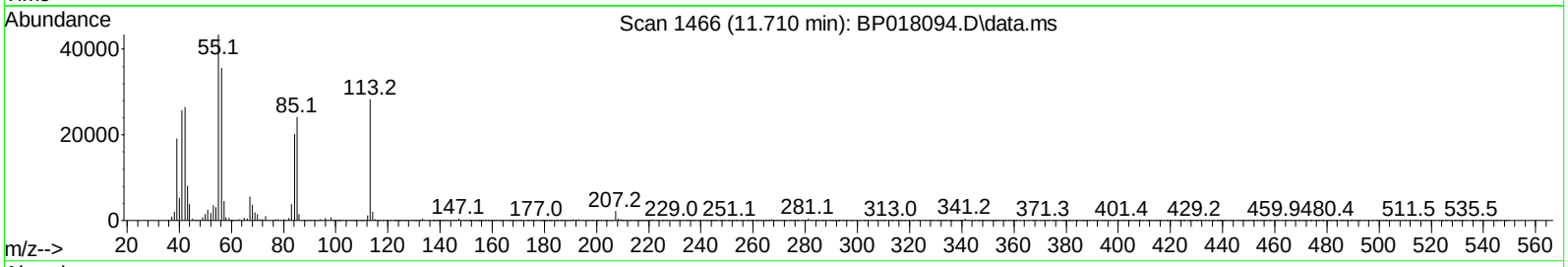

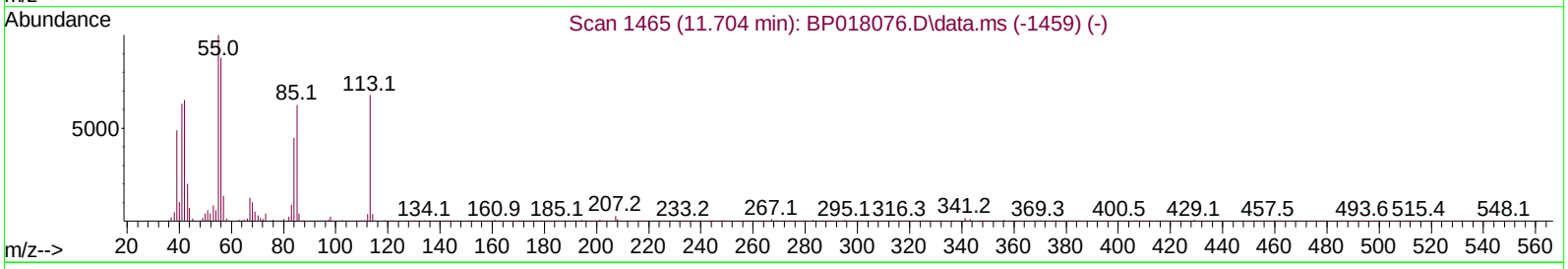

TIC: BP018094.D\data.ms

(34) Caprolactam

11.710min (-0.012) 26.56 ng/ul m

response 82934

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	153.93
56.00	119.50	126.34
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	123452	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	541167	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	341280	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	668095	20.000	ng/ul	-0.01
79) Chrysene-d12	21.427	240	475932	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	525270	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	16935	4.839	ng/uL	0.00
4) Pyridine-d5	3.664	84	138219	15.148	ng/ul	0.00
7) Phenol-d5	7.016	99	330474	27.728	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	200720	28.657	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	265172	28.096	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	278489	28.515	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	137726	28.248	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	158827	28.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	273945	27.826	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	117492	8.703	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	851249	27.033	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	964278	28.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	98810	20.999	ng/ul	0.00
60) Fluorene-d10	15.522	176	694065	26.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	122120	25.285	ng/ul	0.00
73) Anthracene-d10	17.404	188	970390	26.856	ng/ul	0.00
81) Pyrene-d10	19.657	212	984469	30.968	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	874487	28.631	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	34184	8.951	ng/uL	95
5) Pyridine	3.681	79	226062	24.005	ng/ul	97
6) Benzaldehyde	7.016	77	117281	18.272	ng/ul	100
8) Phenol	7.040	94	331103	28.161	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	254278	27.877	ng/ul	97
12) 2-Chlorophenol	7.399	128	258374	27.265	ng/ul	99
13) 2-Methylphenol	8.299	108	250994	28.254	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	282274m	27.102	ng/ul	
16) Acetophenone	8.704	105	430309	27.719	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	233622	27.564	ng/ul	97
18) 4-Methylphenol	8.640	108	275882	28.476	ng/ul	98
19) Hexachloroethane	8.899	117	118637	26.166	ng/ul	96
22) Nitrobenzene	9.093	77	356026	27.044	ng/ul	95
23) Isophorone	9.604	82	646903	26.929	ng/ul	100
25) 2-Nitrophenol	9.798	139	157026	27.664	ng/ul	99
26) 2,4-Dimethylphenol	9.840	107	304365	25.208	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	362435	27.667	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	264451	28.130	ng/ul	97
30) Naphthalene	10.716	128	866858	26.340	ng/ul	99
32) 4-Chloroaniline	10.869	127	221167	17.103	ng/ul	100
33) Hexachlorobutadiene	10.934	225	184017	26.664	ng/ul	100
34) Caprolactam	11.710	113	82934m	26.556	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	316409	27.976	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	594113	26.295	ng/ul	98
37) 1-Methylnaphthalene	12.551	142	613377	26.418	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	322544	27.976	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	130089	23.376	ng/ul	98
41) 2,4,6-Trichlorophenol	12.951	196	192500	25.453	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	218797	27.488	ng/ul	95
43) 1,1'-Biphenyl	13.351	154	817278	28.162	ng/ul	100
44) 2-Chloronaphthalene	13.398	162	638700	27.721	ng/ul	99
45) 2-Nitroaniline	13.651	65	213278	28.686	ng/ul	97
47) Dimethylphthalate	13.992	163	837646	27.118	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	172525	28.100	ng/ul	99
50) Acenaphthylene	14.251	152	997617	25.763	ng/ul	99
51) 3-Nitroaniline	14.492	138	154542	27.126	ng/ul	95
52) Acenaphthene	14.586	153	697826	27.177	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	57116	17.053	ng/ul	95
55) 4-Nitrophenol	14.798	109	138012	22.096	ng/ul	95
56) Dibenzofuran	14.928	168	954656	27.131	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	240629	26.232	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	149863	21.165	ng/ul	99
59) Diethylphthalate	15.345	149	850669	26.360	ng/ul	99
61) Fluorene	15.581	166	786182	26.317	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	397432	27.148	ng/ul	99
63) 4-Nitroaniline	15.669	138	141844	26.384	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.692	198	116193	23.184	ng/ul	100
67) N-Nitrosodiphenylamine	15.804	169	638490	29.800	ng/ul	98
68) 4-Bromophenyl-phenylether	16.475	248	227477	30.210	ng/ul	94
69) Hexachlorobenzene	16.557	284	242929	28.912	ng/ul	96
71) Pentachlorophenol	16.933	266	86145	16.890	ng/ul	96
72) Phenanthrene	17.345	178	1120160	27.307	ng/ul	99
74) Anthracene	17.439	178	1109242	26.498	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	330861	32.430	ng/uL	97
76) Pentachlorobenzene	14.816	250	312352	31.274	ng/uL	98
77) Carbazole	17.733	167	929968	25.582	ng/ul	98
78) Di-n-butylphthalate	18.239	149	1255745	27.225	ng/ul	99
80) Fluoranthene	19.322	202	1166322	31.415	ng/ul	99
82) Pyrene	19.686	202	1182763	30.402	ng/ul	99
83) Butylbenzylphthalate	20.551	149	480535	29.371	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.357	252	334056	29.378	ng/ul	98
85) Benzo(a)anthracene	21.410	228	1041093	27.090	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	645823	28.630	ng/ul	99
87) Chrysene	21.468	228	976241	27.153	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1068124	27.191	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	1077050	28.812	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	999972	26.588	ng/ul	100
93) Benzo(a)pyrene	23.815	252	934496	26.471	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	1235308	29.175	ng/ul	99
95) Dibenzo(a,h)anthracene	26.615	278	1021350	29.296	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	998219	29.476	ng/ul	96

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

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