Quantitation Report (Qedit)

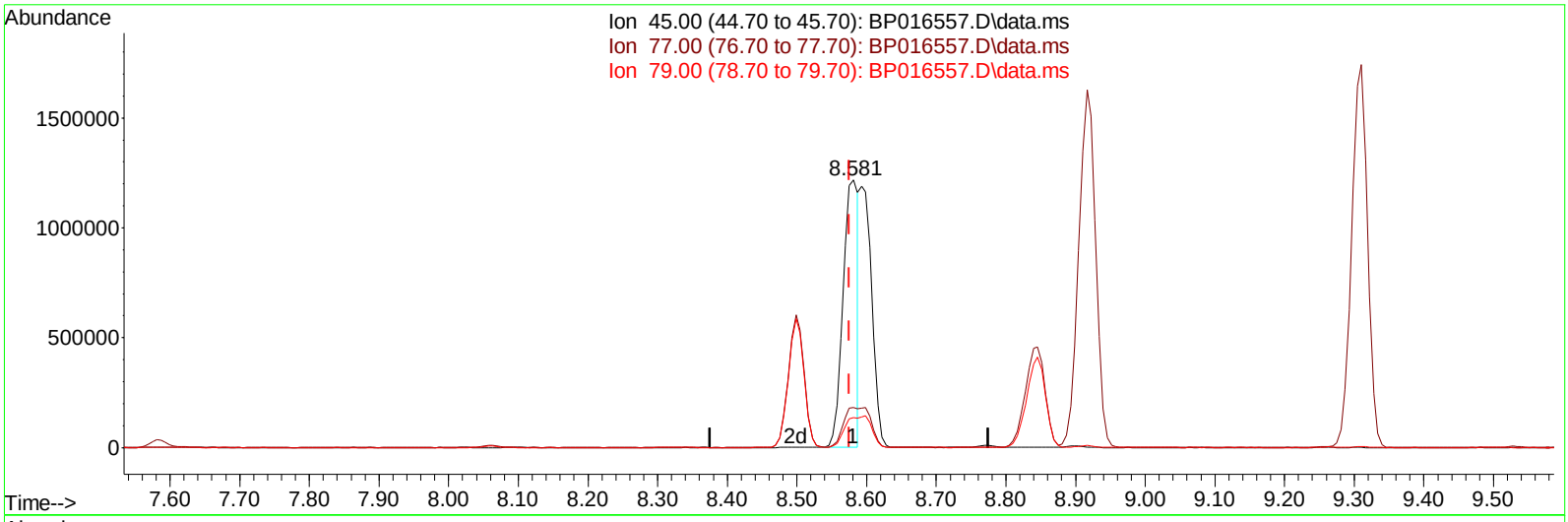
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016557.D
Acq On : 14 Aug 2023 12:43
Operator : MA/JU
Sample : SSTD08029
Misc :
ALS Vial : 7 Sample Multiplier: 1

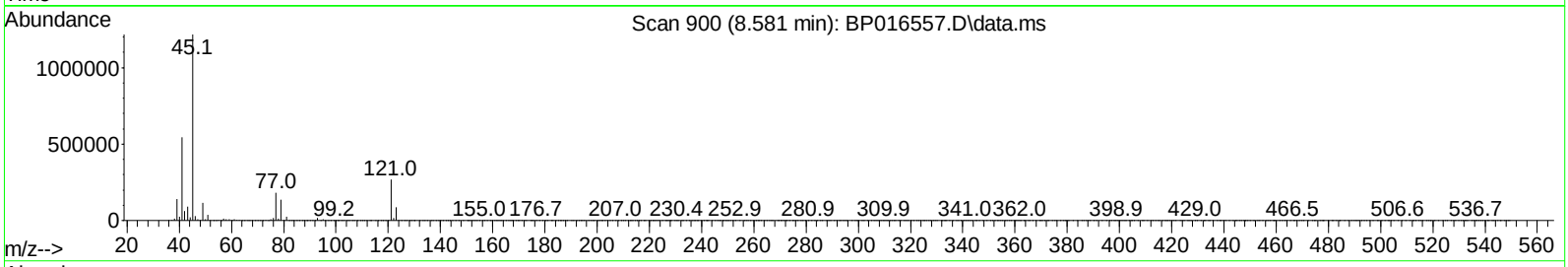
Quant Time: Aug 14 17:40:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 15:11:15 2023
Response via : Initial Calibration

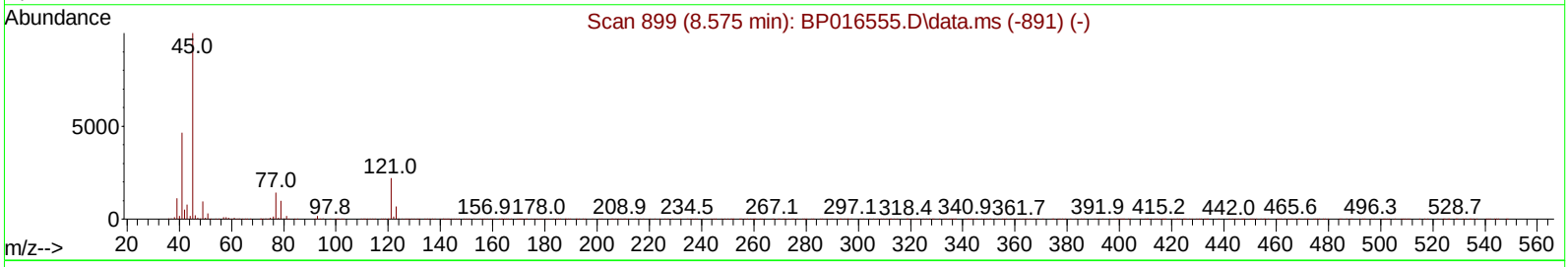
Instrument :
BNA_P
ClientSampleId :
SSTD080628

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023







TIC: BP016557.D\data.ms

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

8.581min (+ 0.006) 44.71 ng/ul

response 1850448

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.09
79.00	10.30	11.31
0.00	0.00	0.00

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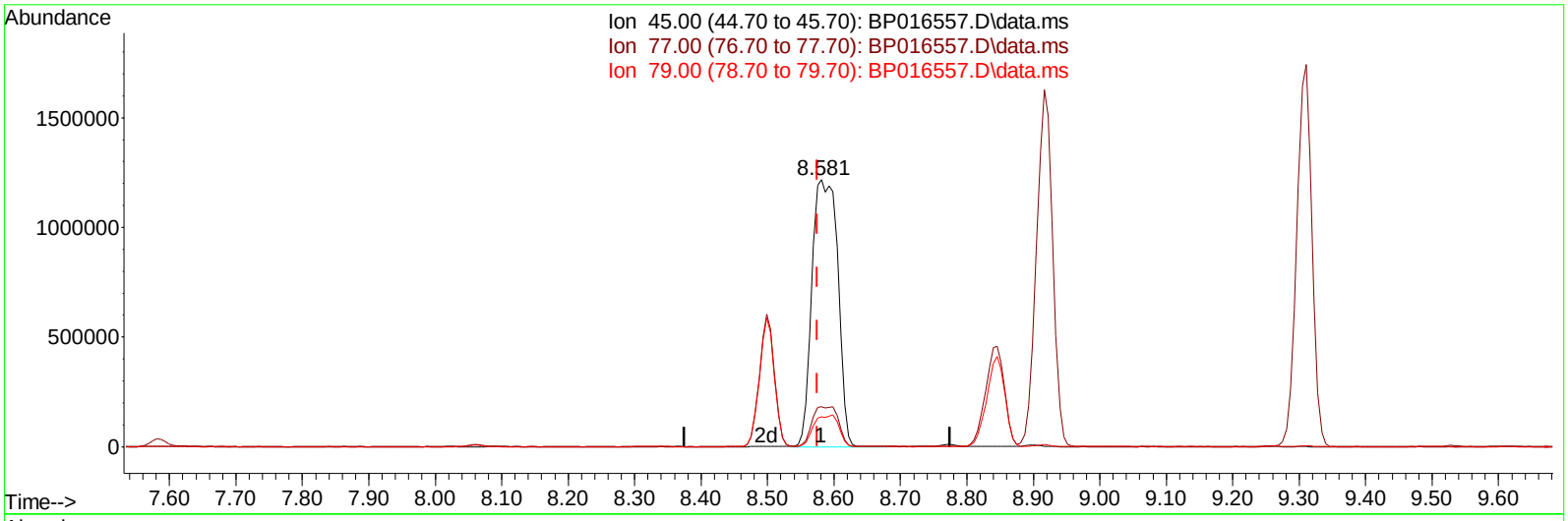

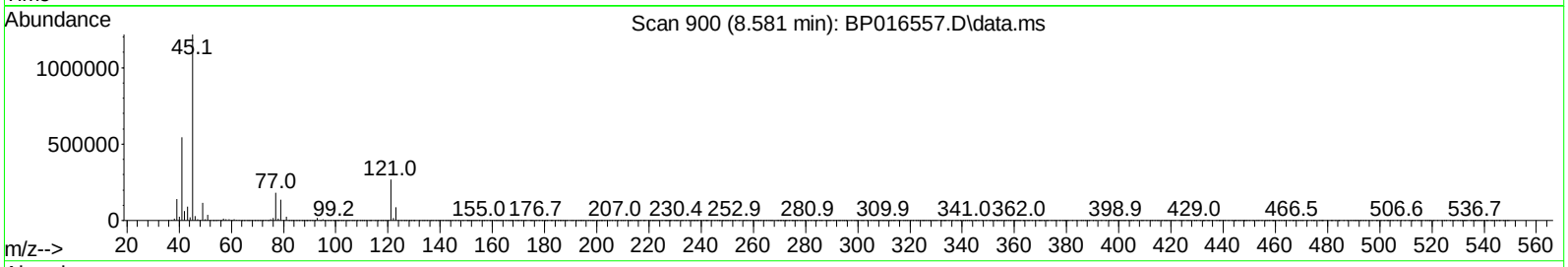

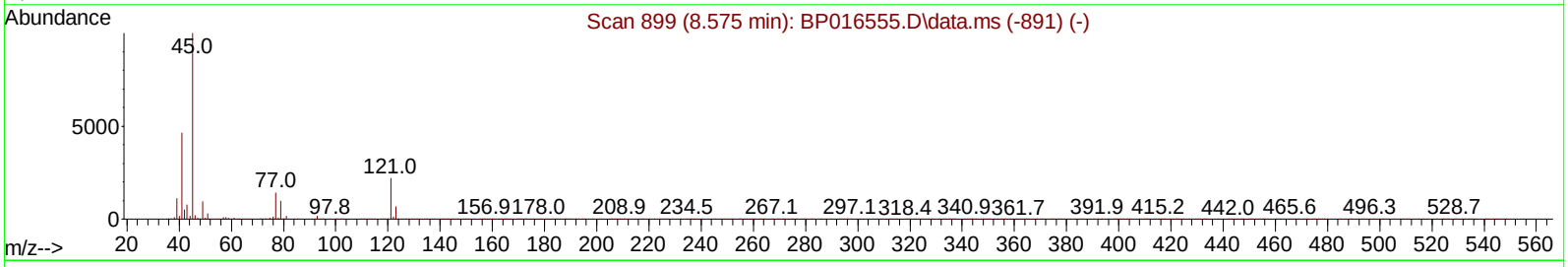

TIC: BP016557.D\data.ms

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

8.581min (+ 0.006) 79.10 ng/ul m

response 3273772

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.10	15.09
79.00	10.30	11.31
0.00	0.00	0.00

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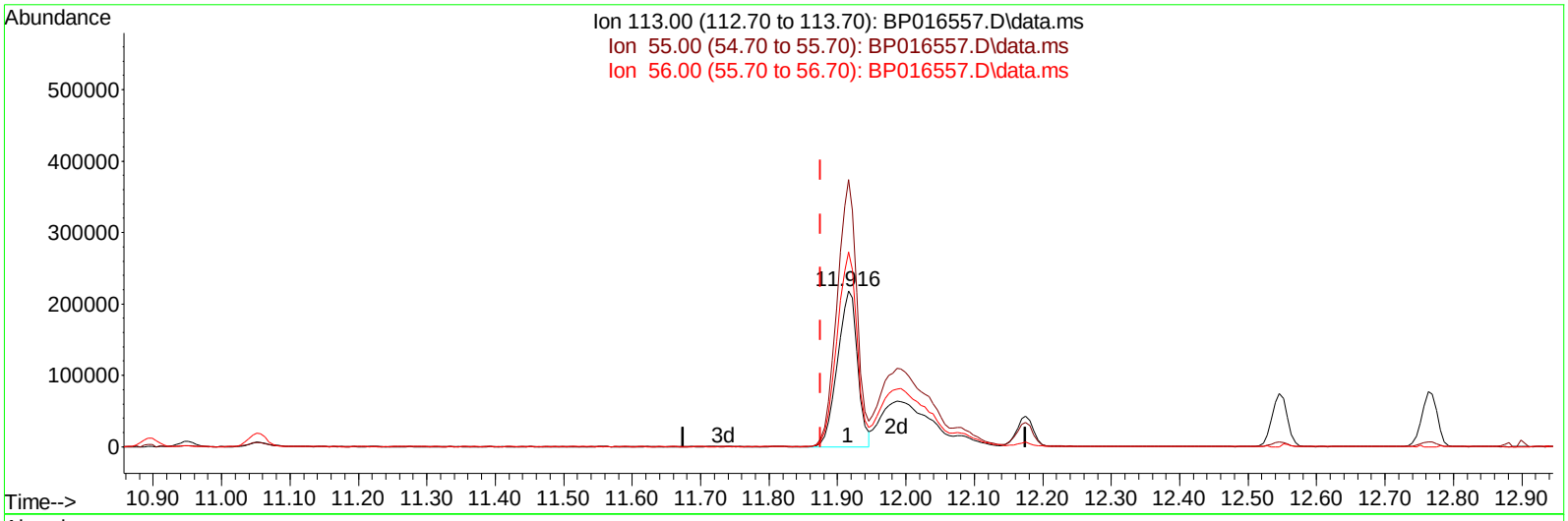

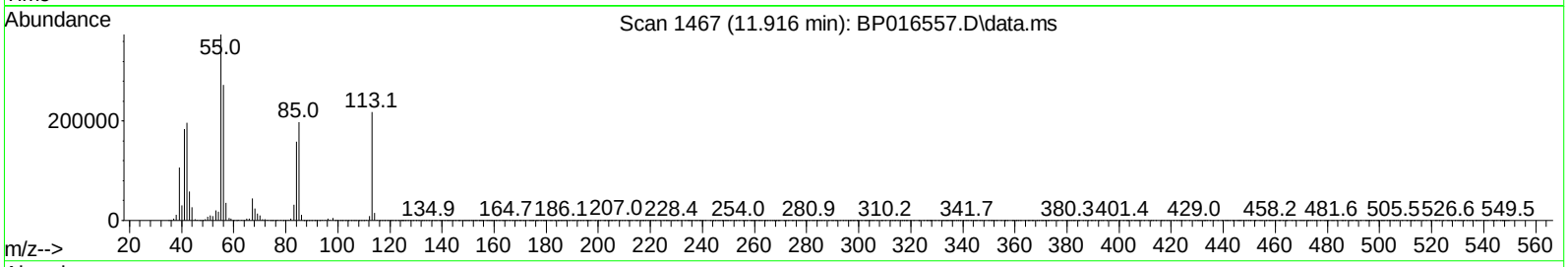

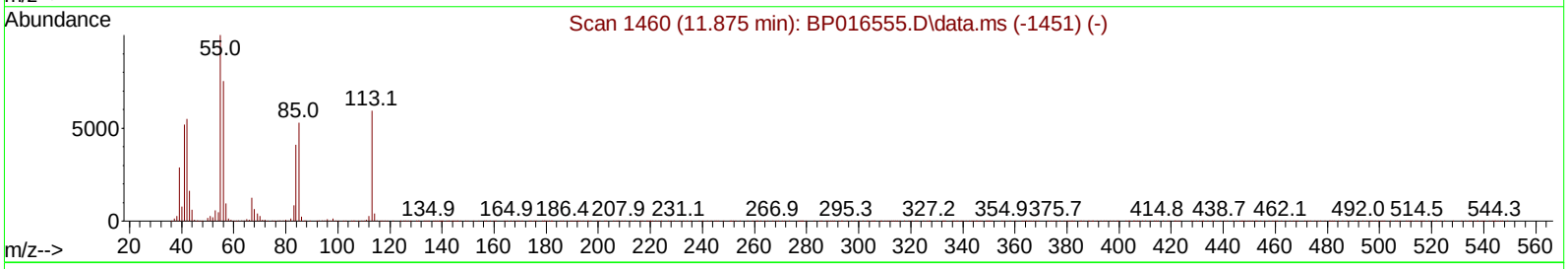

TIC: BP016557.D\data.ms

(34) Caprolactam

11.916min (+ 0.041) 50.12 ng/ul

response 442655

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	171.34
56.00	126.90	124.99
0.00	0.00	0.00

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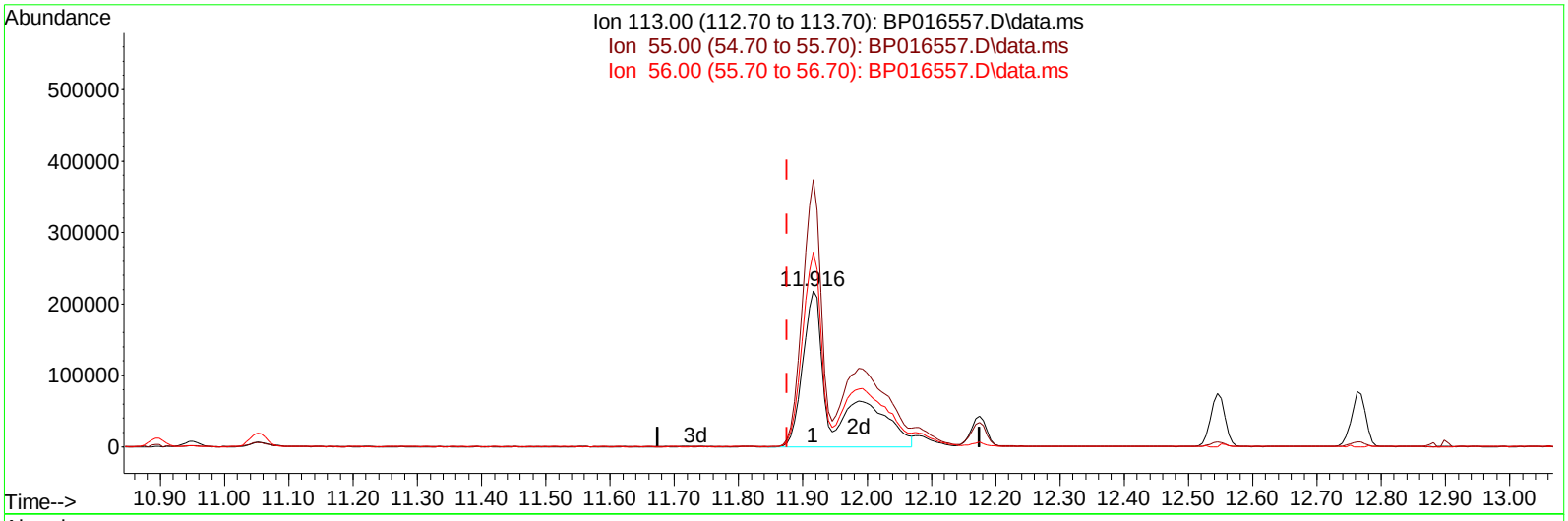

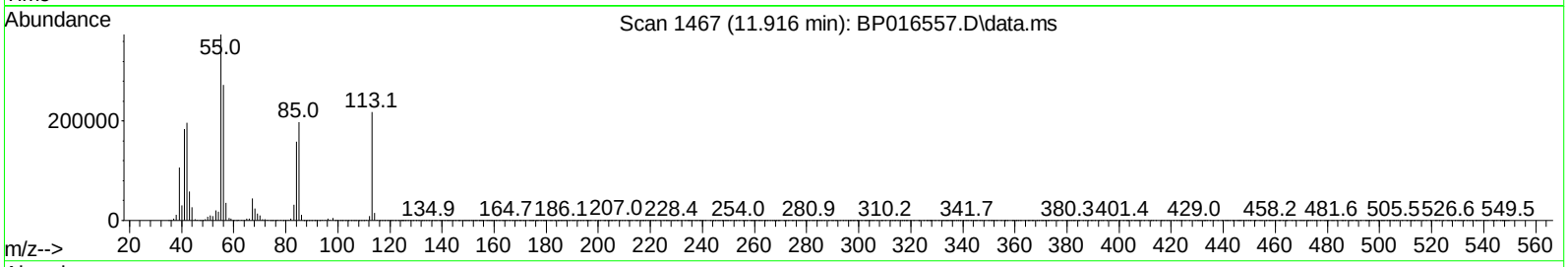

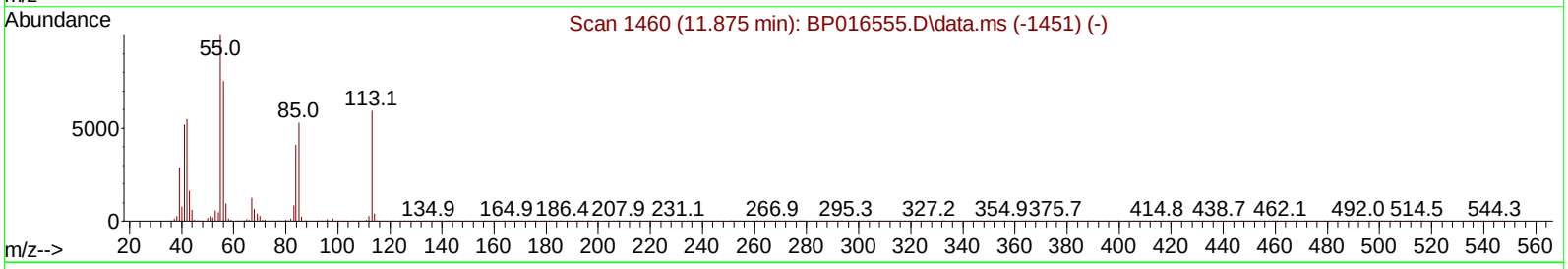

TIC: BP016557.D\data.ms

(34) Caprolactam

11.916min (+ 0.041) 85.52 ng/ul m

response 755399

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.50	171.34
56.00	126.90	124.99
0.00	0.00	0.00

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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	8.063	152	373123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	1661897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	963726	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	2068117	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1833508	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	2017822	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	331467	33.756	ng/uL	0.00
4) Pyridine-d5	3.828	84	2499325	83.660	ng/ul	0.00
7) Phenol-d5	7.205	99	2896083	84.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	1804249	79.634	ng/ul	0.01
11) 2-Chlorophenol-d4	7.581	132	2163281	87.556	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	2268369	82.932	ng/ul	0.01
21) Nitrobenzene-d5	9.263	128	1084226	92.719	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	1131022	101.835	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	1986159	90.871	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	3085786	82.284	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	5730719	82.213	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	6751467	85.812	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	1250859	88.088	ng/ul	0.02
60) Fluorene-d10	15.710	176	4735346	79.686	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	956432	97.211	ng/ul	0.02
73) Anthracene-d10	17.586	188	7260422	81.161	ng/ul	0.01
81) Pyrene-d10	19.816	212	8256869	85.945	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.004	264	8350335	86.351	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	359005	33.251	ng/uL	98
5) Pyridine	3.852	79	2551074	82.302	ng/ul	97
6) Benzaldehyde	7.216	77	1230110	64.871	ng/ul	97
8) Phenol	7.234	94	3015185	82.010	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.499	93	2397460	80.725	ng/ul	99
12) 2-Chlorophenol	7.616	128	2188564	84.186	ng/ul	99
13) 2-Methylphenol	8.499	108	2229235	83.473	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.581	45	3273772m	79.105	ng/ul	
16) Acetophenone	8.916	105	3444343	77.980	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.899	70	1869866	78.935	ng/ul	99
18) 4-Methylphenol	8.846	108	2390648	81.450	ng/ul	99
19) Hexachloroethane	9.140	117	902566	83.100	ng/ul	98
22) Nitrobenzene	9.310	77	2788837	85.194	ng/ul	97
23) Isophorone	9.834	82	5343316	86.420	ng/ul	99
25) 2-Nitrophenol	10.010	139	1227449	96.673	ng/ul	98
26) 2,4-Dimethylphenol	10.052	107	2492660	83.276	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.310	93	3199087	80.717	ng/ul	99
29) 2,4-Dichlorophenol	10.534	162	1961096	87.206	ng/ul	99
30) Naphthalene	10.951	128	6862207	79.030	ng/ul	99
32) 4-Chloroaniline	11.081	127	3010121	81.055	ng/ul	100
33) Hexachlorobutadiene	11.181	225	1108020	81.737	ng/ul	99
34) Caprolactam	11.916	113	755399m	85.524	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	2379122	86.552	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	12.545	142	4603484	79.148	ng/ul	99
37) 1-Methylnaphthalene	12.763	142	4611603	78.745	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.893	216	2172059	84.263	ng/ul	100
40) Hexachlorocyclopentadiene	12.845	237	1418453	90.439	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	1524963	95.058	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	1634856	94.014	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	5741879	80.155	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	4521621	81.126	ng/ul	99
45) 2-Nitroaniline	13.828	65	1625648	96.465	ng/ul	94
47) Dimethylphthalate	14.175	163	5677136	79.657	ng/ul	98
48) 2,6-Dinitrotoluene	14.316	165	1232334	99.828	ng/ul	98
50) Acenaphthylene	14.445	152	7493123	80.869	ng/ul	98
51) 3-Nitroaniline	14.651	138	1140376	82.389	ng/ul	96
52) Acenaphthene	14.781	153	4893114	78.889	ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	707239	102.914	ng/ul	93
55) 4-Nitrophenol	14.945	109	974853	84.446	ng/ul	97
56) Dibenzofuran	15.116	168	6433290	76.021	ng/ul	100
57) 2,4-Dinitrotoluene	15.098	165	1746034	94.453	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.328	232	1328832	91.206	ng/ul	98
59) Diethylphthalate	15.534	149	5870163	80.557	ng/ul	98
61) Fluorene	15.769	166	5203349	74.987	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.757	204	2505318	76.914	ng/ul	97
63) 4-Nitroaniline	15.828	138	1027278	77.553	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.851	198	1047437	96.016	ng/ul#	95
67) N-Nitrosodiphenylamine	15.981	169	4582852	81.750	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	1593690	86.307	ng/ul	99
69) Hexachlorobenzene	16.745	284	1799337	83.395	ng/ul	97
70) Atrazine	16.939	200	1727085	85.633	ng/ul	99
71) Pentachlorophenol	17.104	266	1233292	92.841	ng/ul	98
72) Phenanthrene	17.528	178	8492842	77.947	ng/ul	99
74) Anthracene	17.622	178	8489379	77.570	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.504	216	2305968	87.737	ng/uL	98
76) Pentachlorobenzene	15.010	250	1996806	84.675	ng/uL	100
77) Carbazole	17.898	167	8166019	80.967	ng/ul	98
78) Di-n-butylphthalate	18.410	149	9955150	85.268	ng/ul	99
80) Fluoranthene	19.486	202	9813411	85.585	ng/ul	99
82) Pyrene	19.845	202	9842429	81.289	ng/ul	99
83) Butylbenzylphthalate	20.698	149	4762008	97.629	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.498	252	3396313	85.066	ng/ul	99
85) Benzo(a)anthracene	21.563	228	9892999	80.285	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	6772579	95.672	ng/ul#	96
87) Chrysene	21.621	228	9119956	79.092	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	11705488	92.976	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	10079762	83.895	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	9929347	83.305	ng/ul	100
93) Benzo(a)pyrene	24.068	252	9416044	83.080	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.945	276	11119829	83.130	ng/ul	100
95) Dibenzo(a,h)anthracene	26.974	278	9177141	82.440	ng/ul	100
96) Benzo(g,h,i)perylene	27.809	276	8768553	82.364	ng/ul	98

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

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