Quantitation Report (Qedit)

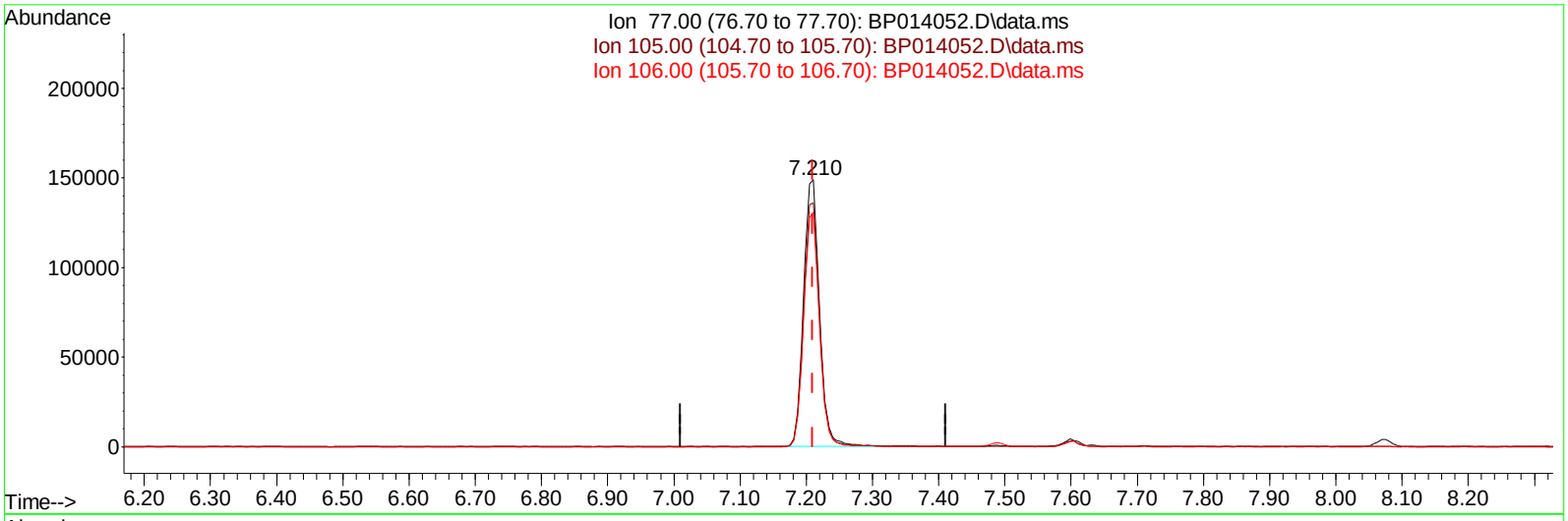
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
Data File : BP014052.D
Acq On : 11 Mar 2023 04:05
Operator : CG/JU
Sample : 01810-05MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

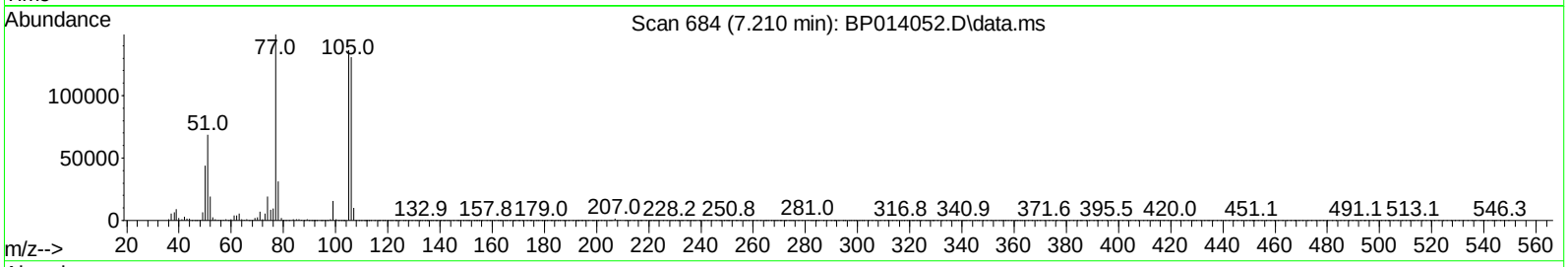
Quant Time: Mar 11 04:32:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 22:47:08 2023
Response via : Initial Calibration

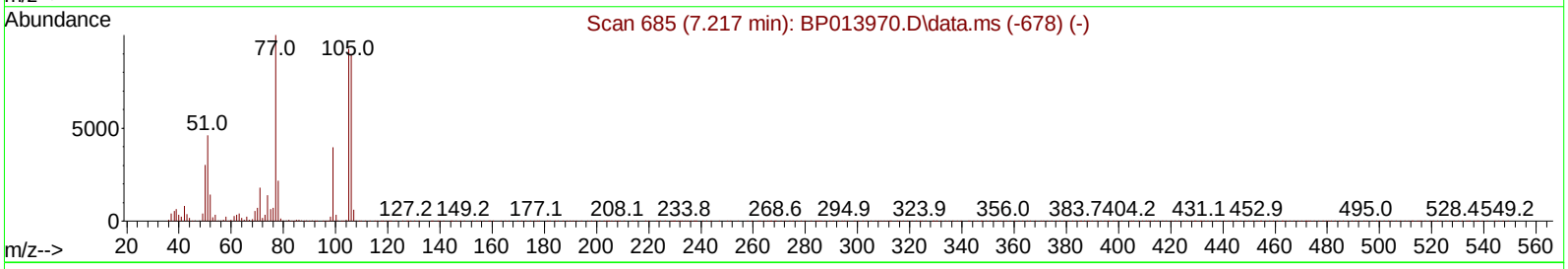
Instrument :
BNA_P
ClientSampleId :
DCAF7MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023







TIC: BP014052.D\data.ms

(6) Benzaldehyde

7.210min (+ 0.000) 38.29 ng/ul

response 248609

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	91.41
106.00	87.30	87.74
0.00	0.00	0.00

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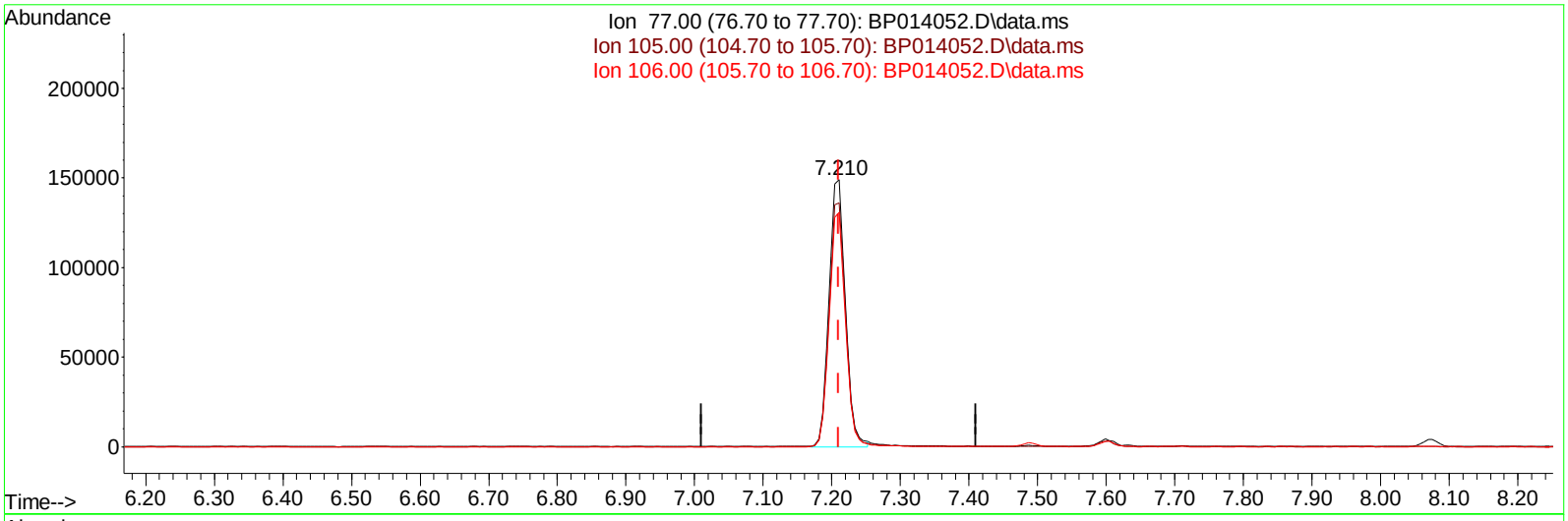

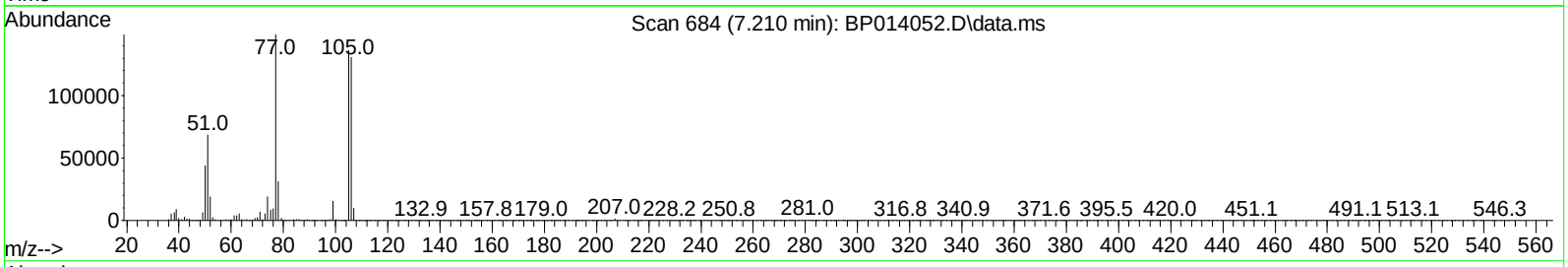

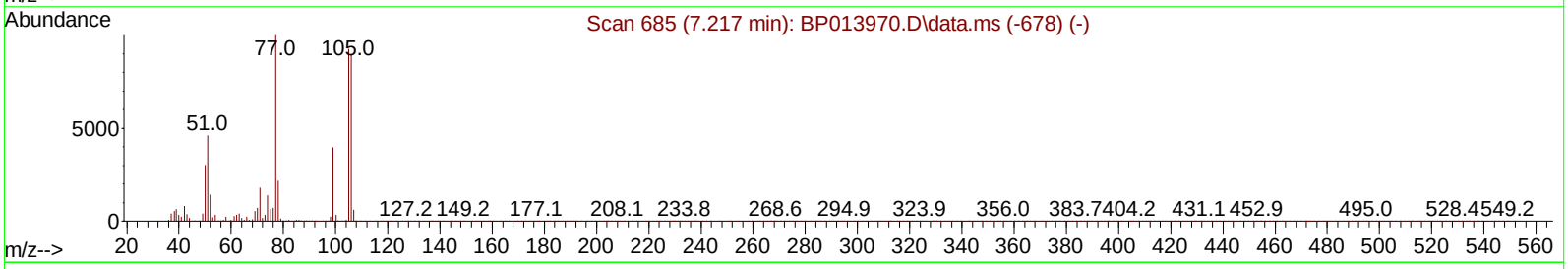

TIC: BP014052.D\data.ms

(6) Benzaldehyde

7.210min (+ 0.000) 37.85 ng/ul m

response 245756

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	91.41
106.00	87.30	87.74
0.00	0.00	0.00

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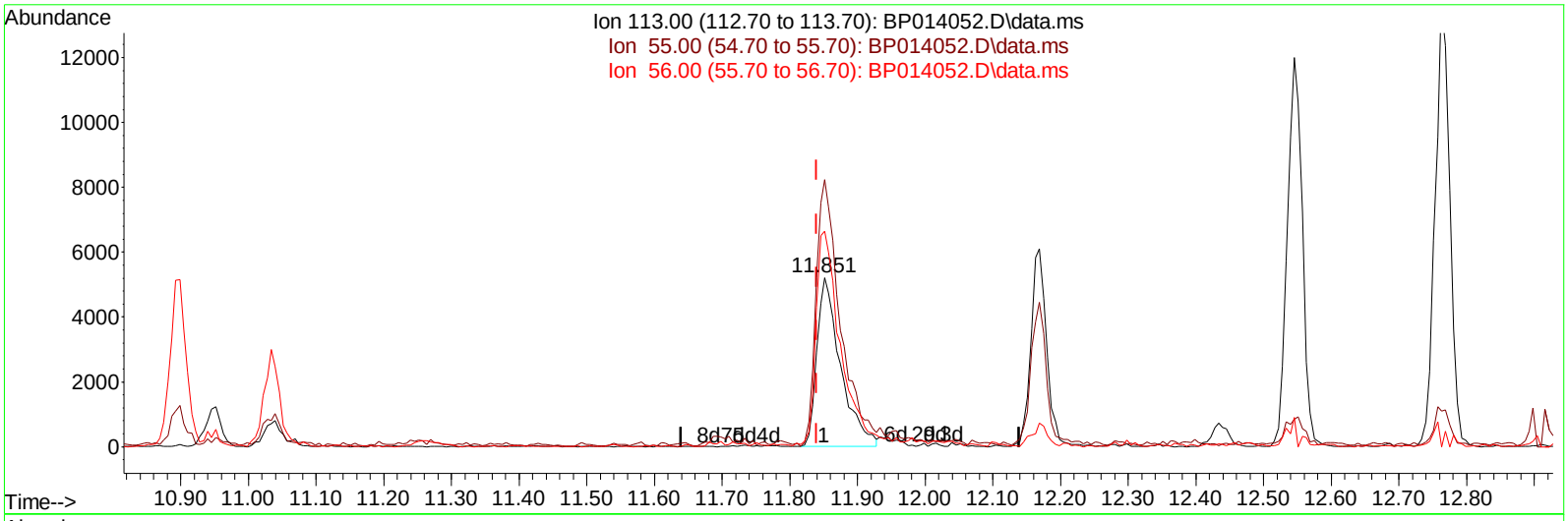

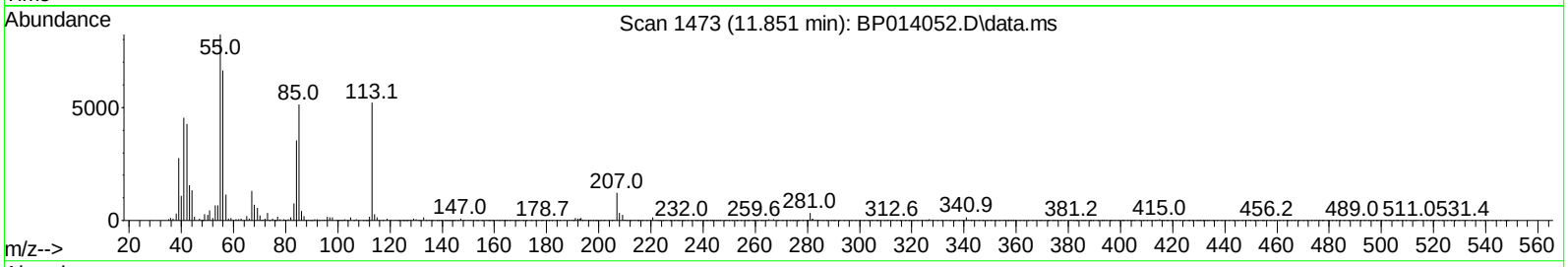

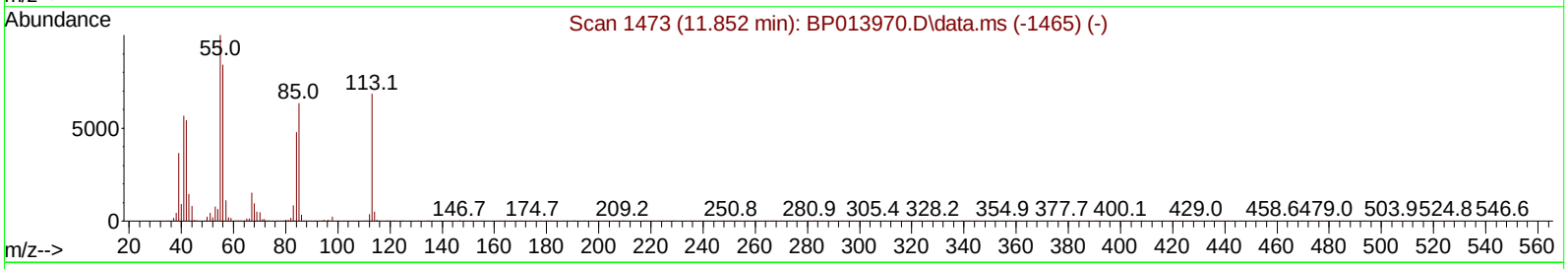

TIC: BP014052.D\data.ms

(34) Caprolactam

11.851min (+ 0.012) 3.41 ng/ul

response 12670

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	157.95
56.00	127.50	127.48
0.00	0.00	0.00

Quantitation Report (Qedit)

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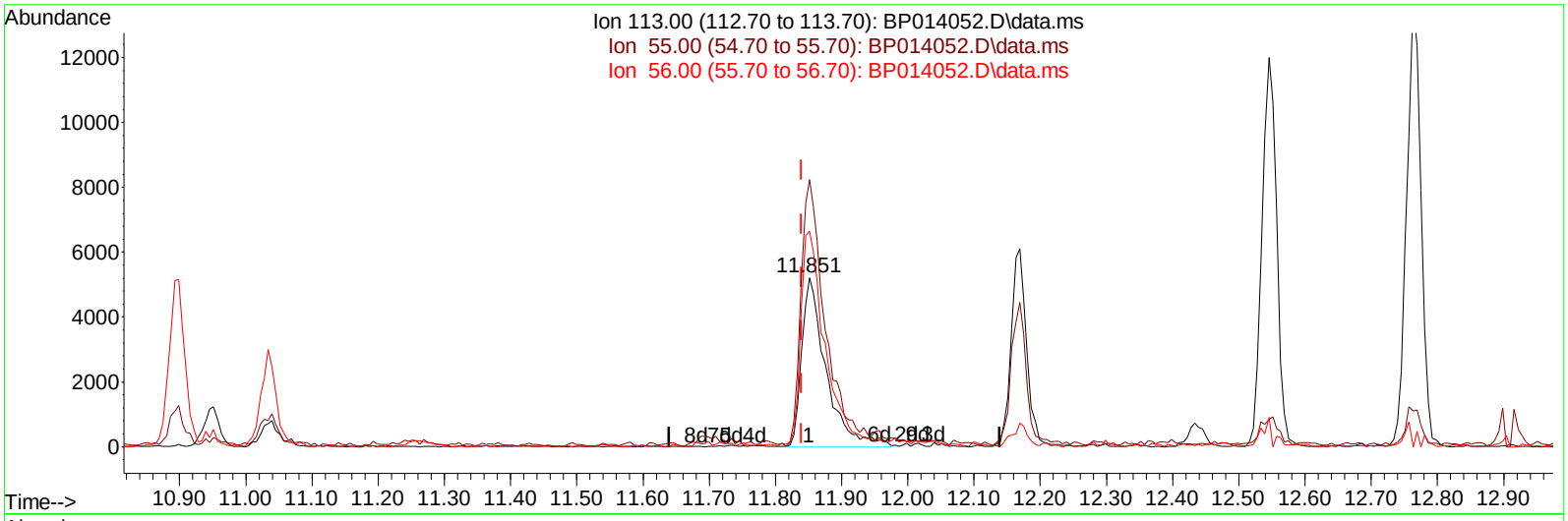

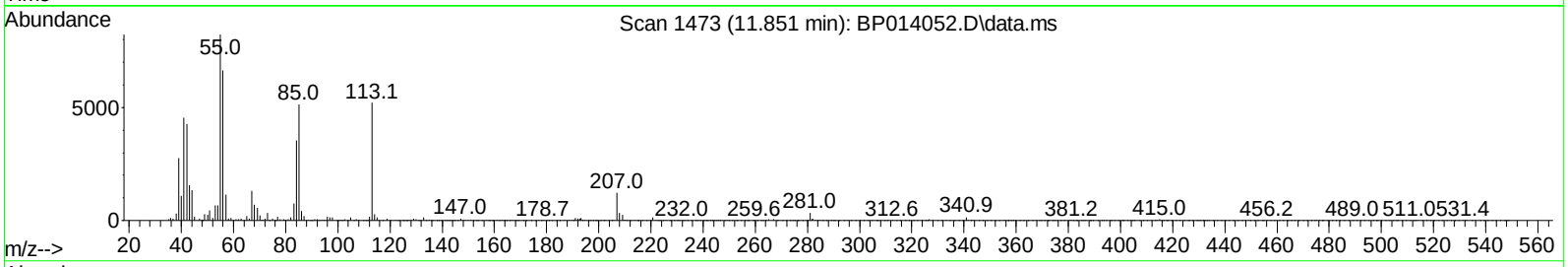

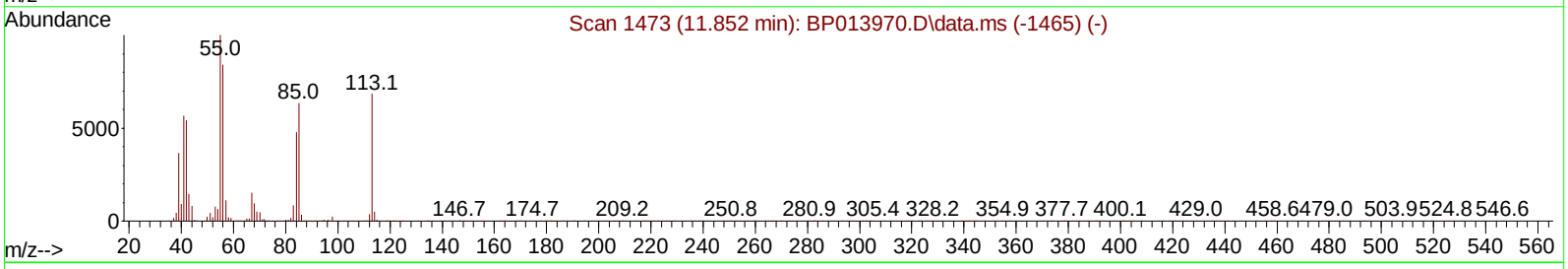

TIC: BP014052.D\data.ms

(34) Caprolactam

11.851min (+ 0.012) 3.57 ng/ul m

response 13278

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	157.95
56.00	127.50	127.48
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	8.075	152	147872	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	646098	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	445344	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1033120	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1095815	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1131757	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	16250	4.152	ng/uL	0.00
4) Pyridine-d5	3.869	84	87585	8.083	ng/ul	0.00
7) Phenol-d5	7.222	99	73676	5.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	232209	30.512	ng/ul	0.00
11) 2-Chlorophenol-d4	7.599	132	211852	21.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	149322	14.009	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	148253	28.758	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	164240	26.615	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	287005	24.718	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	346560	22.554	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1105168	29.241	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1156257	28.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	38851	5.833	ng/ul	0.00
60) Fluorene-d10	15.704	176	925339	28.888	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	217453	27.849	ng/ul	0.00
73) Anthracene-d10	17.569	188	1560403	31.113	ng/ul	0.00
81) Pyrene-d10	19.786	212	1956788	32.377	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	1947789	32.355	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	15482	3.664	ng/uL	99
5) Pyridine	3.893	79	88260	8.032	ng/ul	98
6) Benzaldehyde	7.210	77	245756m	37.849	ng/ul	
8) Phenol	7.252	94	80420	5.976	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	293599	28.477	ng/ul	98
12) 2-Chlorophenol	7.634	128	209526	20.917	ng/ul	96
13) 2-Methylphenol	8.516	108	160125	16.002	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.599	45	342996	30.806	ng/ul	99
16) Acetophenone	8.904	105	490286	28.473	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.887	70	257889	29.275	ng/ul	98
18) 4-Methylphenol	8.846	108	150935	13.713	ng/ul	100
19) Hexachloroethane	9.163	117	104778	23.883	ng/ul	99
22) Nitrobenzene	9.293	77	389659	28.256	ng/ul	99
23) Isophorone	9.816	82	730761	27.517	ng/ul	98
25) 2-Nitrophenol	10.004	139	164481	25.861	ng/ul	98
26) 2,4-Dimethylphenol	10.057	107	260493	18.712	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.298	93	421650	27.449	ng/ul	100
29) 2,4-Dichlorophenol	10.540	162	266342	23.254	ng/ul	97
30) Naphthalene	10.945	128	917679	25.865	ng/ul	99
32) 4-Chloroaniline	11.057	127	330770	21.392	ng/ul	99
33) Hexachlorobutadiene	11.228	225	209311	22.965	ng/ul	97
34) Caprolactam	11.851	113	13278m	3.570	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	295696	22.326	ng/ul	97

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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	654340	26.294	ng/ul	100
37) 1-Methylnaphthalene	12.763	142	672471	26.886	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	418275	25.973	ng/ul	97
40) Hexachlorocyclopentadiene	12.887	237	208621	18.090	ng/ul	97
41) 2,4,6-Trichlorophenol	13.145	196	270450	26.733	ng/ul	98
42) 2,4,5-Trichlorophenol	13.222	196	295583	26.623	ng/ul	98
43) 1,1'-Biphenyl	13.545	154	939025	27.387	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	748106	27.472	ng/ul	97
45) 2-Nitroaniline	13.798	65	262288	32.567	ng/ul	93
47) Dimethylphthalate	14.163	163	1068442	28.560	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	225364	30.470	ng/ul	97
50) Acenaphthylene	14.439	152	1169375	27.830	ng/ul	99
51) 3-Nitroaniline	14.622	138	195318	29.825	ng/ul	92
52) Acenaphthene	14.775	153	826367	28.133	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	138363	25.050	ng/ul	95
55) 4-Nitrophenol	14.922	109	39418	5.479	ng/ul	87
56) Dibenzofuran	15.110	168	1191476	27.882	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	328718	29.747	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.334	232	293722	27.653	ng/ul	98
59) Diethylphthalate	15.522	149	1099462	28.976	ng/ul	100
61) Fluorene	15.763	166	1002202	28.293	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	534009	27.314	ng/ul	99
63) 4-Nitroaniline	15.786	138	216028	32.092	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.839	198	207613	27.869	ng/ul	96
67) N-Nitrosodiphenylamine	15.963	169	860279	29.484	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	360722	28.882	ng/ul	98
69) Hexachlorobenzene	16.769	284	429336	29.172	ng/ul	97
70) Atrazine	16.916	200	346747	27.553	ng/ul	99
71) Pentachlorophenol	17.110	266	261125	27.143	ng/ul	99
72) Phenanthrene	17.510	178	1702559	30.215	ng/ul	99
74) Anthracene	17.604	178	1730653	30.291	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	436472	27.528	ng/uL	99
76) Pentachlorobenzene	15.028	250	465239	28.248	ng/uL	99
77) Carbazole	17.869	167	1561714	30.989	ng/ul	99
78) Di-n-butylphthalate	18.398	149	1944140	30.867	ng/ul	100
80) Fluoranthene	19.463	202	2191325	31.810	ng/ul	98
82) Pyrene	19.816	202	2250742	31.320	ng/ul	98
83) Butylbenzylphthalate	20.669	149	955405	32.972	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	765401	27.285	ng/ul	98
85) Benzo(a)anthracene	21.527	228	2370487	30.755	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	1405081	32.434	ng/ul	99
87) Chrysene	21.586	228	2226687	30.314	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2419487	33.880	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	2424398	32.148	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2301096	31.999	ng/ul	99
93) Benzo(a)pyrene	23.968	252	2016820	30.747	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.751	276	2345940	27.017	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	1972803	27.335	ng/ul	99
96) Benzo(g,h,i)perylene	27.568	276	1841749	26.536	ng/ul	99

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

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