Quantitation Report (Qedit)

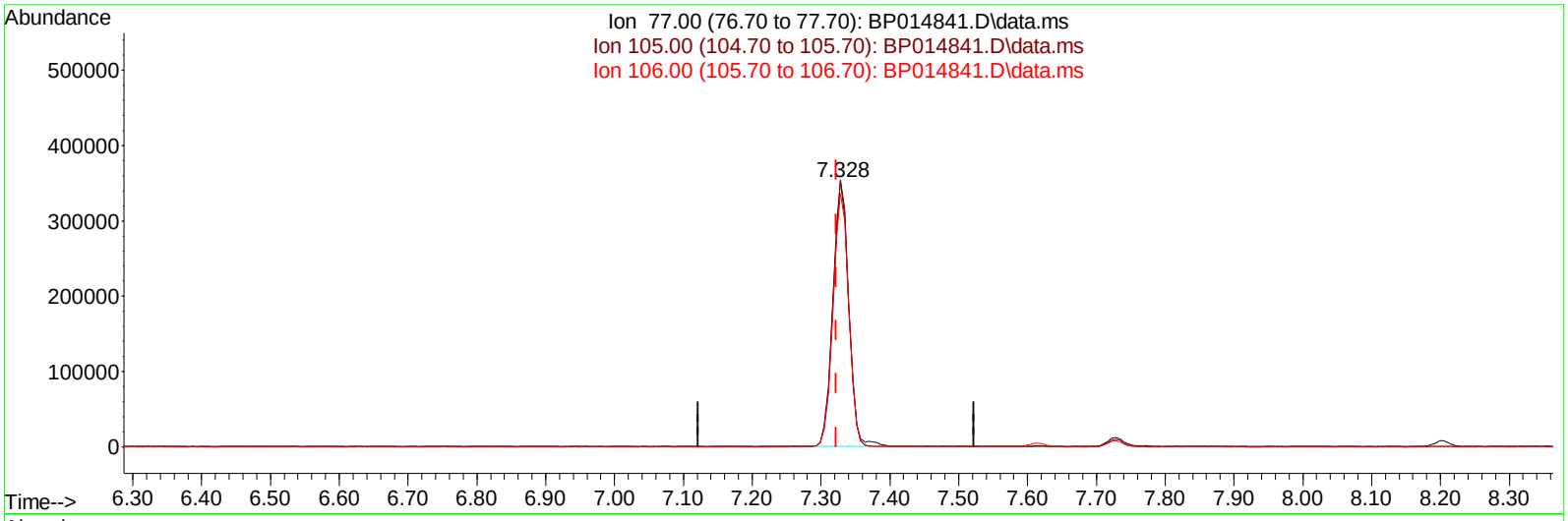
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014841.D
Acq On : 26 Apr 2023 15:30
Operator : CG/JU
Sample : PB152344BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

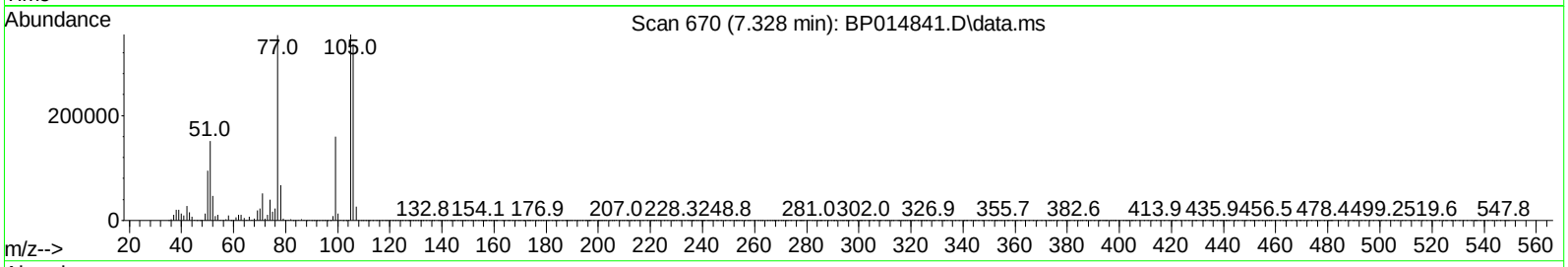
Quant Time: Apr 26 22:34:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

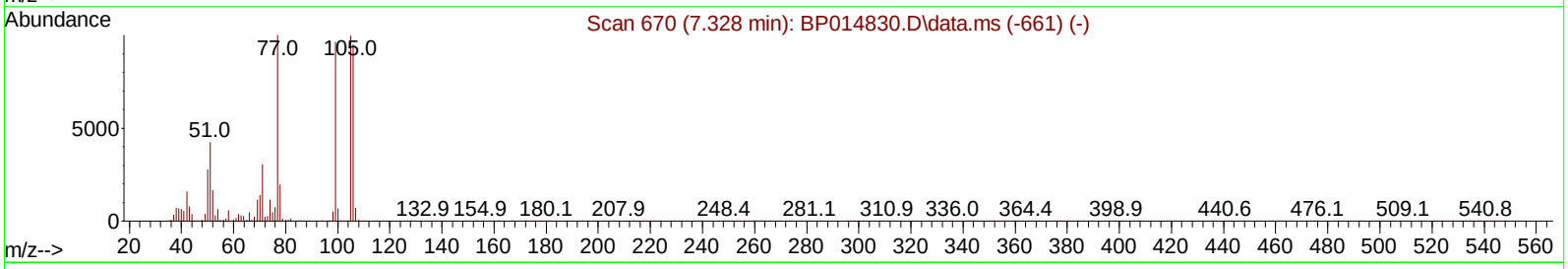
Instrument :
BNA_P
ClientSampleId :
SLCS344

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023







TIC: BP014841.D\data.ms

(6) Benzaldehyde

7.328min (+ 0.006) 35.45 ng/ul

response 551539

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.90	100.49
106.00	94.00	95.43
0.00	0.00	0.00

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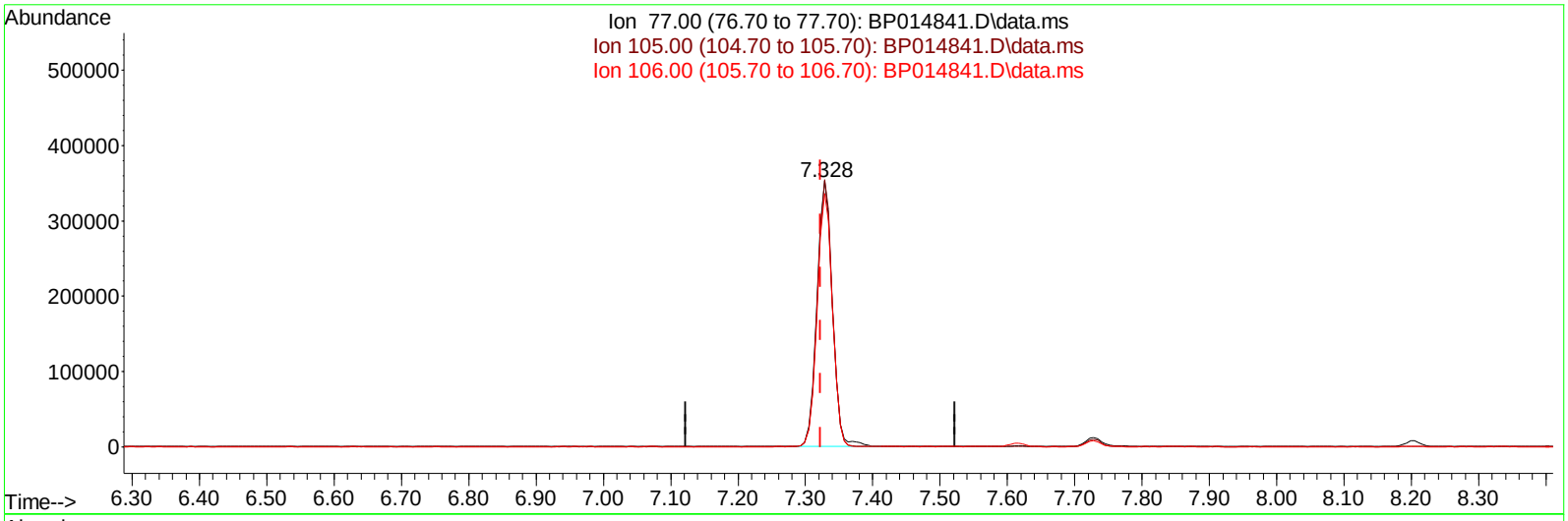

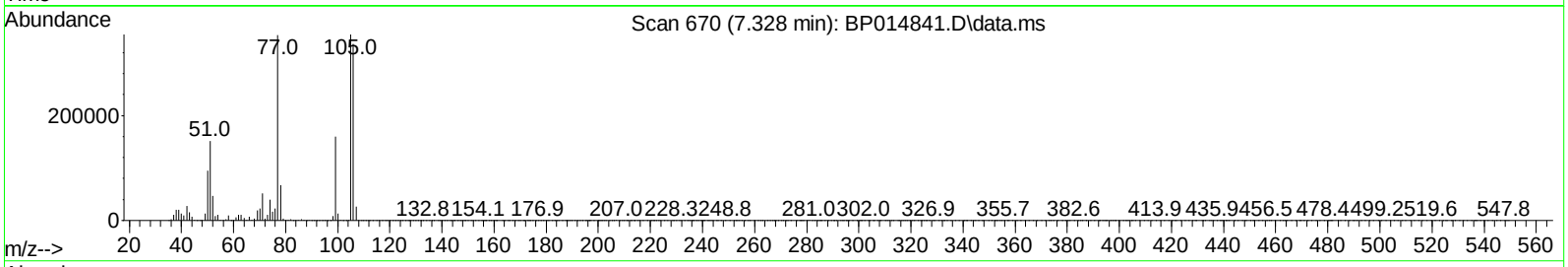

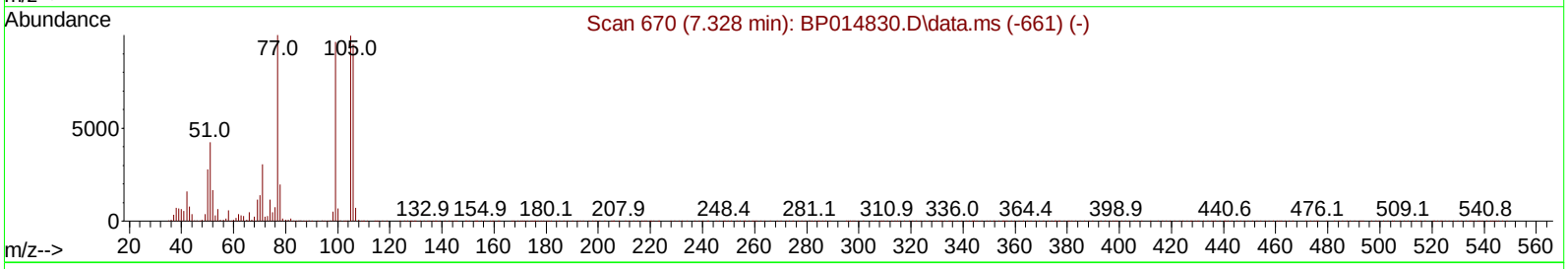

TIC: BP014841.D\data.ms

(6) Benzaldehyde

7.328min (+ 0.006) 36.02 ng/ul m

response 560326

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.90	100.49
106.00	94.00	95.43
0.00	0.00	0.00

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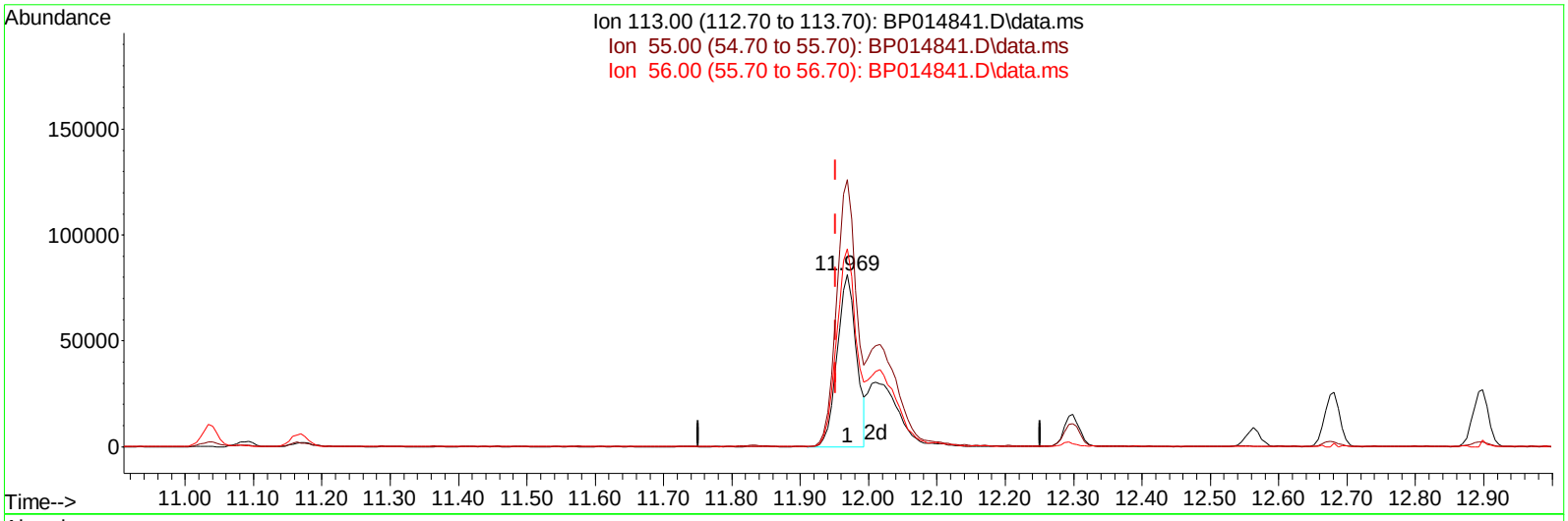

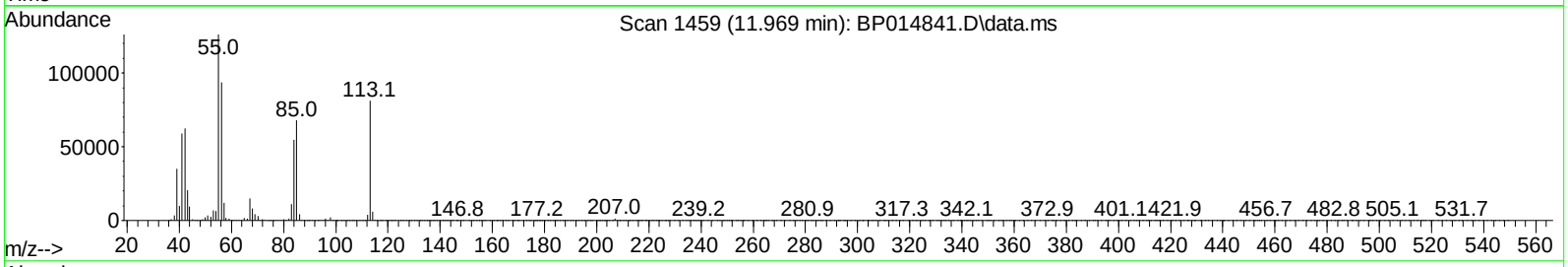

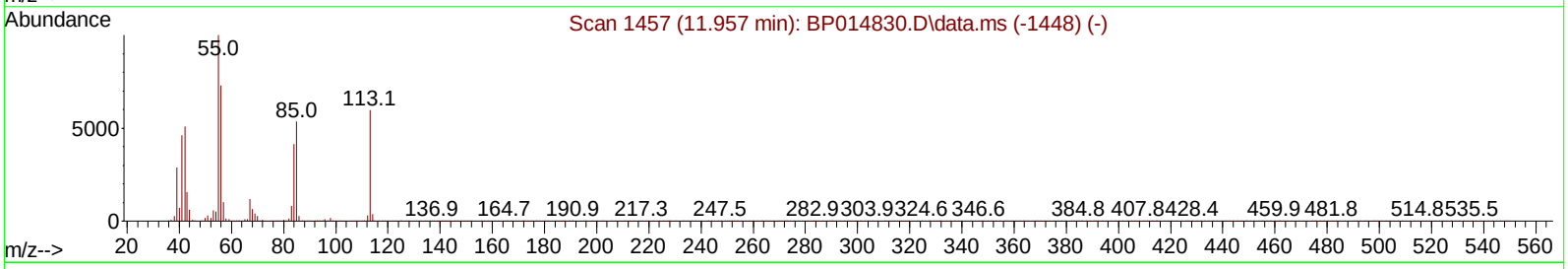

TIC: BP014841.D\data.ms

(34) Caprolactam

11.969min (+ 0.018) 20.09 ng/ul

response 159350

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	155.26
56.00	124.30	115.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 13 Sample Multiplier: 1

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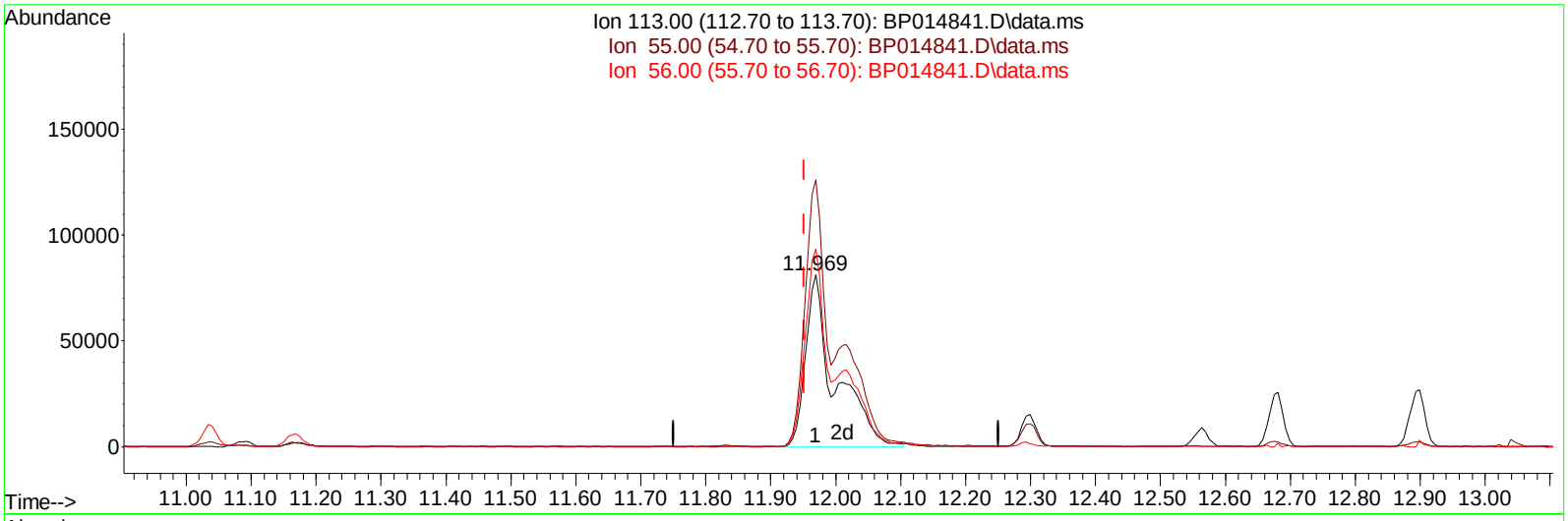

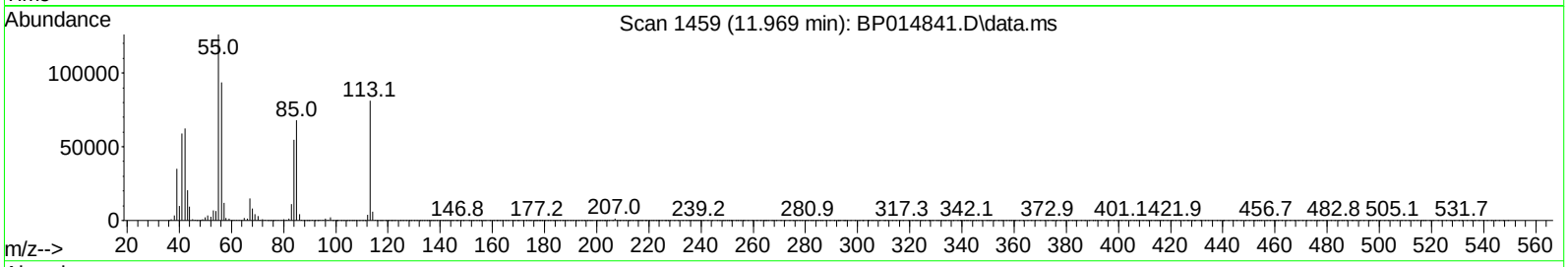

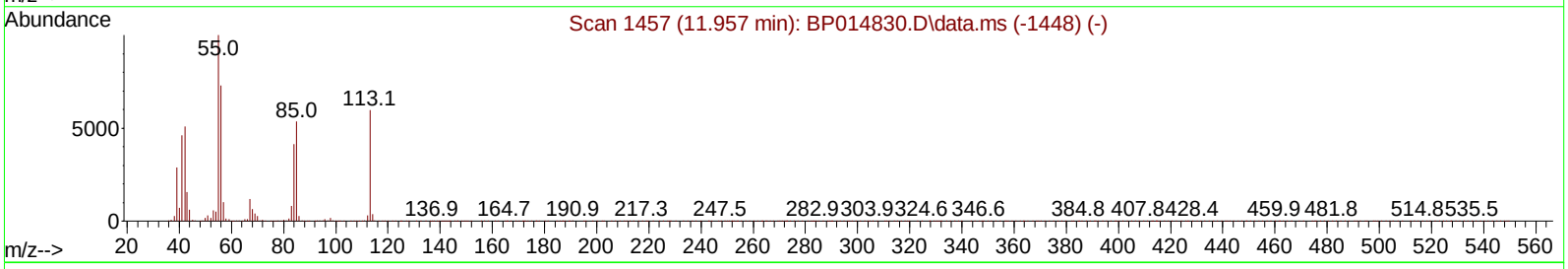

TIC: BP014841.D\data.ms

(34) Caprolactam

11.969min (+ 0.018) 32.05 ng/ul m

response 254196

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	155.26
56.00	124.30	115.16
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	8.205	152	356373	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1509544	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	914745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1865381	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1173228	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1129779	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	51876	5.723	ng/uL	0.00
4) Pyridine-d5	3.940	84	733109	27.887	ng/ul	0.00
7) Phenol-d5	7.346	99	1047299	32.327	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.522	67	609537	31.309	ng/ul	0.00
11) 2-Chlorophenol-d4	7.728	132	811325	33.916	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	829688	31.885	ng/ul	0.00
21) Nitrobenzene-d5	9.381	128	400905	35.478	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	441289	37.994	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	817355	33.857	ng/ul	0.00
31) 4-Chloroaniline-d4	11.169	131	991509	28.622	ng/ul	0.00
46) Dimethylphthalate-d6	14.234	166	2294610	32.328	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	2701486	33.199	ng/ul	0.00
54) 4-Nitrophenol-d4	15.016	143	425224	32.884	ng/ul	0.01
60) Fluorene-d10	15.822	176	1933934	32.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.940	200	328162	31.704	ng/ul	0.01
73) Anthracene-d10	17.681	188	2866841	32.729	ng/ul	0.00
81) Pyrene-d10	19.892	212	2930226	41.080	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	1966710	33.579	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	106811	10.920	ng/uL	98
5) Pyridine	3.964	79	709115	26.309	ng/ul	98
6) Benzaldehyde	7.328	77	560326m	36.017	ng/ul	
8) Phenol	7.375	94	1055226	31.319	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.617	93	828372	30.671	ng/ul	99
12) 2-Chlorophenol	7.764	128	798493	32.003	ng/ul	99
13) 2-Methylphenol	8.646	108	796925	31.359	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.734	45	1009248	29.984	ng/ul	100
16) Acetophenone	9.034	105	1243392	30.546	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.022	70	620400	29.782	ng/ul	97
18) 4-Methylphenol	8.975	108	861800	30.292	ng/ul	99
19) Hexachloroethane	9.299	117	321580	31.951	ng/ul	96
22) Nitrobenzene	9.422	77	923463	32.126	ng/ul	99
23) Isophorone	9.952	82	1803977	30.380	ng/ul	99
25) 2-Nitrophenol	10.140	139	448883	34.622	ng/ul	96
26) 2,4-Dimethylphenol	10.193	107	871551	30.294	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.434	93	1119949	29.959	ng/ul	99
29) 2,4-Dichlorophenol	10.675	162	782428	32.526	ng/ul	97
30) Naphthalene	11.087	128	2564722	30.716	ng/ul	99
32) 4-Chloroaniline	11.193	127	924711	26.494	ng/ul	98
33) Hexachlorobutadiene	11.369	225	488062	31.900	ng/ul	99
34) Caprolactam	11.969	113	254196m	32.050	ng/ul	
35) 4-Chloro-3-methylphenol	12.299	107	830000	31.160	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	12.681	142	1712130	30.201	ng/ul	99
37) 1-Methylnaphthalene	12.899	142	1727657	30.568	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.040	216	934910	32.623	ng/ul	99
40) Hexachlorocyclopentadiene	13.022	237	470491	28.332	ng/ul	99
41) 2,4,6-Trichlorophenol	13.275	196	618610	34.009	ng/ul	99
42) 2,4,5-Trichlorophenol	13.346	196	679625	33.809	ng/ul	98
43) 1,1'-Biphenyl	13.675	154	2274610	31.633	ng/ul	99
44) 2-Chloronaphthalene	13.716	162	1780714	31.634	ng/ul	99
45) 2-Nitroaniline	13.916	65	493074	34.974	ng/ul	98
47) Dimethylphthalate	14.287	163	2186192	30.732	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	447577	35.115	ng/ul	97
50) Acenaphthylene	14.557	152	2776511	31.594	ng/ul	99
51) 3-Nitroaniline	14.734	138	466827	33.390	ng/ul	98
52) Acenaphthene	14.898	153	1894476	31.361	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	210512	28.036	ng/ul	96
55) 4-Nitrophenol	15.034	109	302373	31.252	ng/ul	98
56) Dibenzofuran	15.234	168	2600060	30.563	ng/ul	100
57) 2,4-Dinitrotoluene	15.187	165	629254	33.505	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.451	232	553729	32.667	ng/ul	97
59) Diethylphthalate	15.640	149	2179986	31.644	ng/ul	99
61) Fluorene	15.881	166	2062364	30.732	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.869	204	1043203	30.664	ng/ul	97
63) 4-Nitroaniline	15.898	138	485956	38.535	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.951	198	313807	30.163	ng/ul	97
67) N-Nitrosodiphenylamine	16.081	169	1804495	32.892	ng/ul	99
68) 4-Bromophenyl-phenylether	16.763	248	671687	33.277	ng/ul	99
69) Hexachlorobenzene	16.887	284	769311	32.865	ng/ul	98
70) Atrazine	17.028	200	468613	24.993	ng/ul	99
71) Pentachlorophenol	17.228	266	442429	32.220	ng/ul	99
72) Phenanthrene	17.628	178	3227366	31.593	ng/ul	99
74) Anthracene	17.716	178	3248771	31.544	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	934696	33.659	ng/uL	98
76) Pentachlorobenzene	15.151	250	912595	33.287	ng/uL	98
77) Carbazole	17.981	167	2914145	33.244	ng/ul	100
78) Di-n-butylphthalate	18.510	149	3725704	35.811	ng/ul	100
80) Fluoranthene	19.569	202	3472690	41.311	ng/ul	99
82) Pyrene	19.922	202	3445670	39.632	ng/ul	100
83) Butylbenzylphthalate	20.775	149	1453285	49.820	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.557	252	822920	33.613	ng/ul	99
85) Benzo(a)anthracene	21.639	228	2677260	32.802	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	2153559	49.731	ng/ul	99
87) Chrysene	21.692	228	2474818	31.986	ng/ul	100
89) Di-n-octyl phthalate	22.527	149	3265844	43.481	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	2405323	31.088	ng/ul	99
91) Benzo(k)fluoranthene	23.504	252	2259719	30.113	ng/ul	99
93) Benzo(a)pyrene	24.139	252	2067344	31.546	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.015	276	2808414	38.003	ng/ul	100
95) Dibenzo(a,h)anthracene	27.033	278	2333499	37.862	ng/ul	99
96) Benzo(g,h,i)perylene	27.874	276	2312762	39.502	ng/ul	99

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

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