Quantitation Report (Qedit)

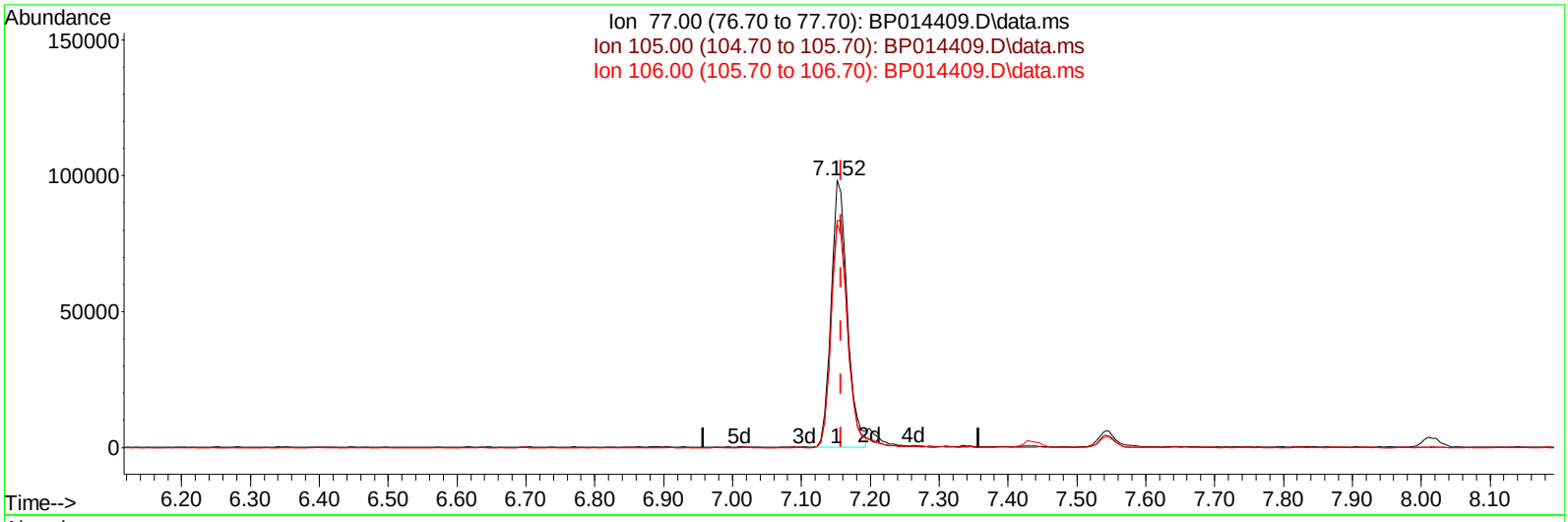
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014409.D
Acq On : 30 Mar 2023 19:14
Operator : CG/JU
Sample : PB151696BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

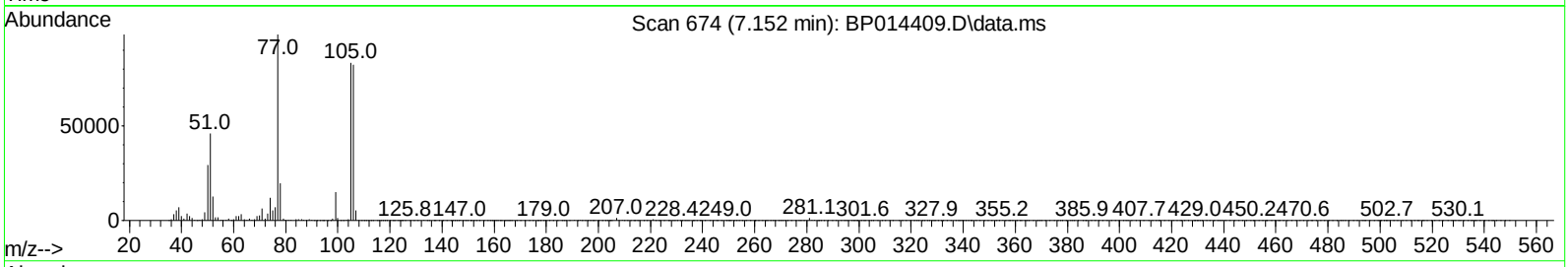
Quant Time: Mar 30 22:43:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 12:32:14 2023
Response via : Initial Calibration

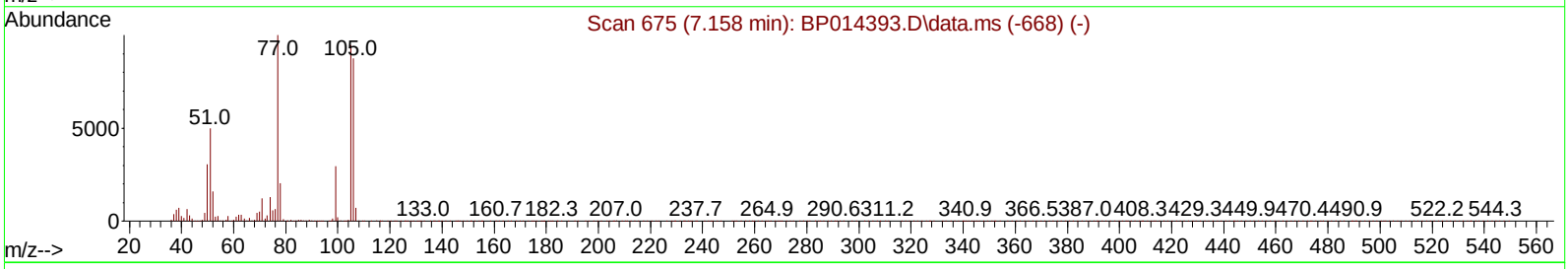
Instrument :
BNA_P
ClientSampleId :
SLCS696

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023







TIC: BP014409.D\data.ms

(6) Benzaldehyde

7.152min (-0.006) 23.52 ng/ul

response 159939

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	84.90
106.00	83.10	83.85
0.00	0.00	0.00

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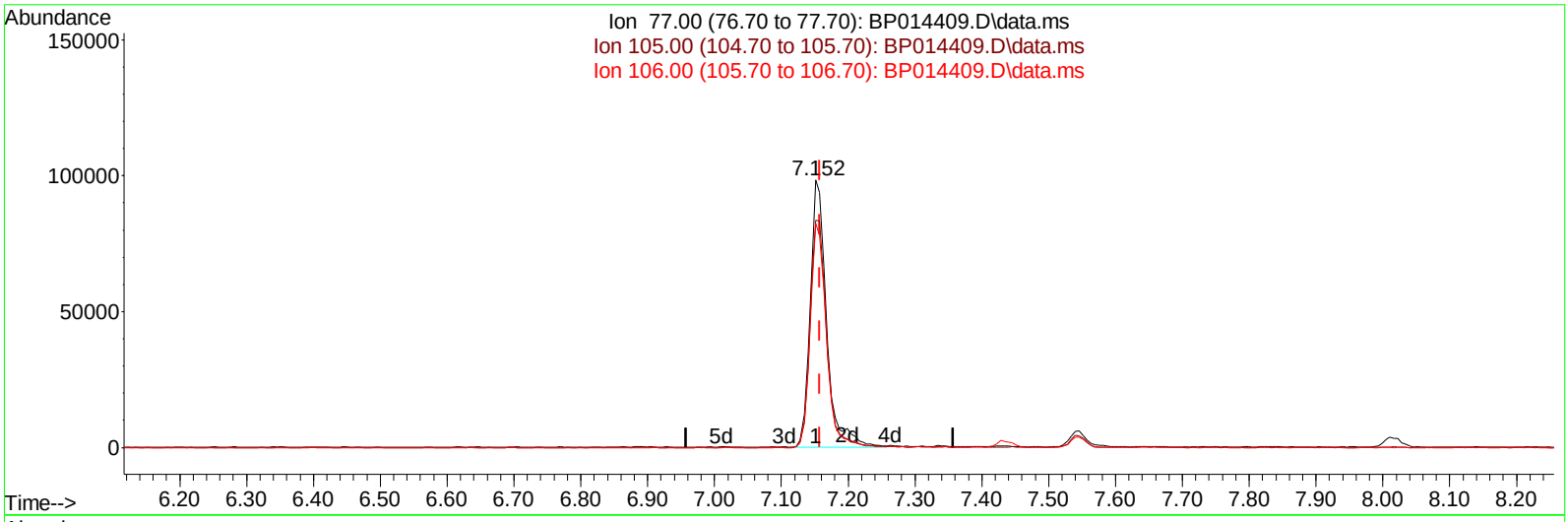

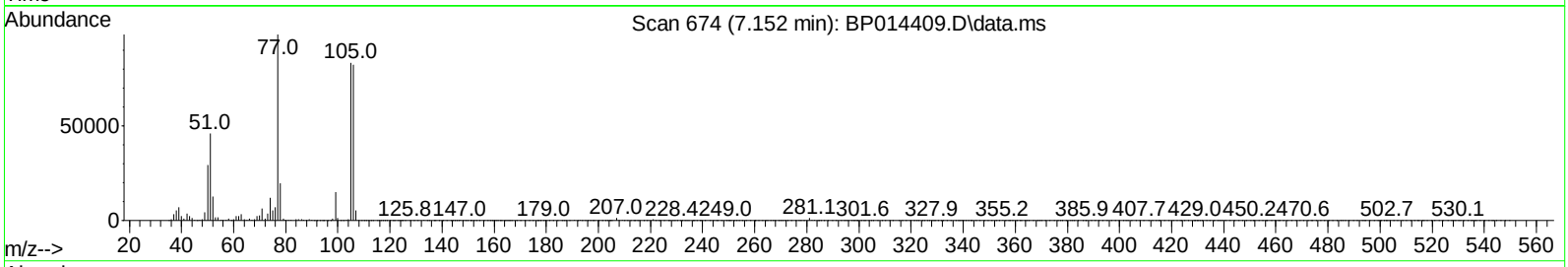

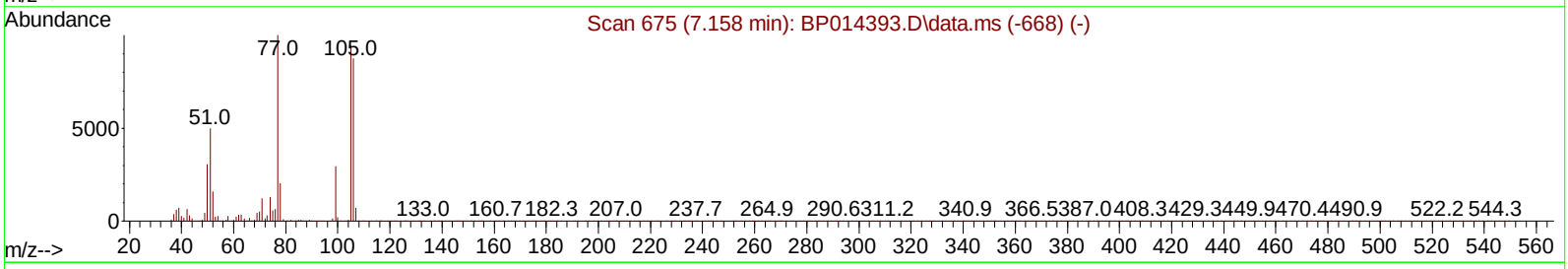

TIC: BP014409.D\data.ms

(6) Benzaldehyde

7.152min (-0.006) 24.86 ng/ul m

response 169047

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	84.90
106.00	83.10	83.85
0.00	0.00	0.00

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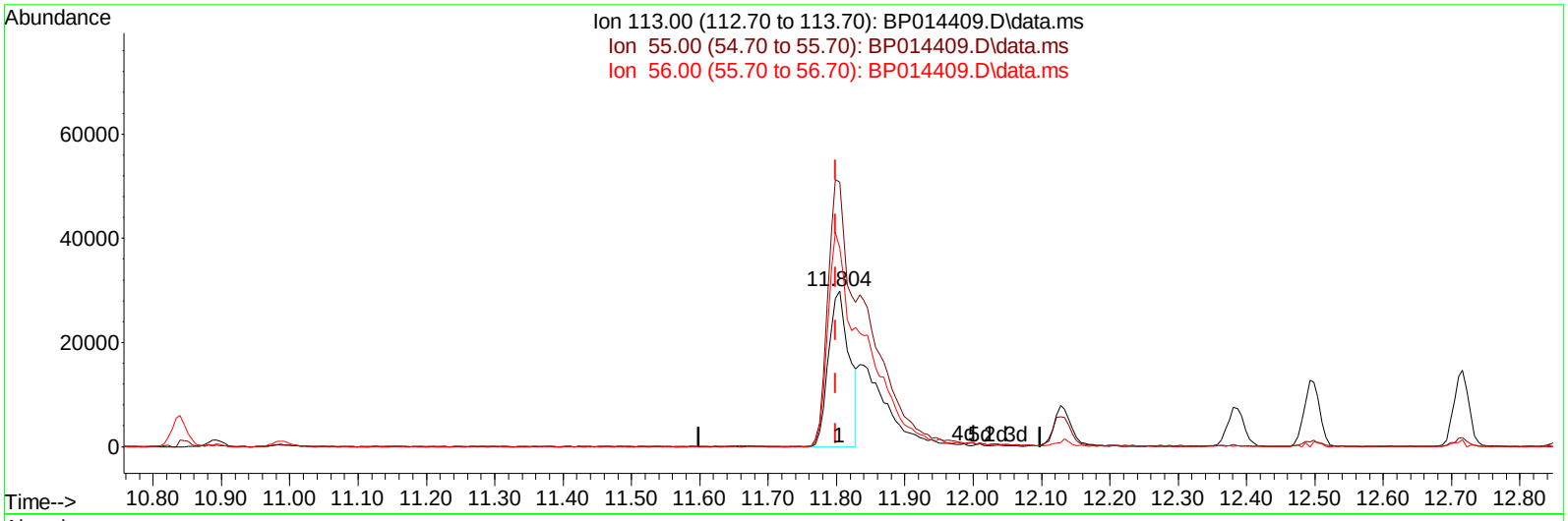

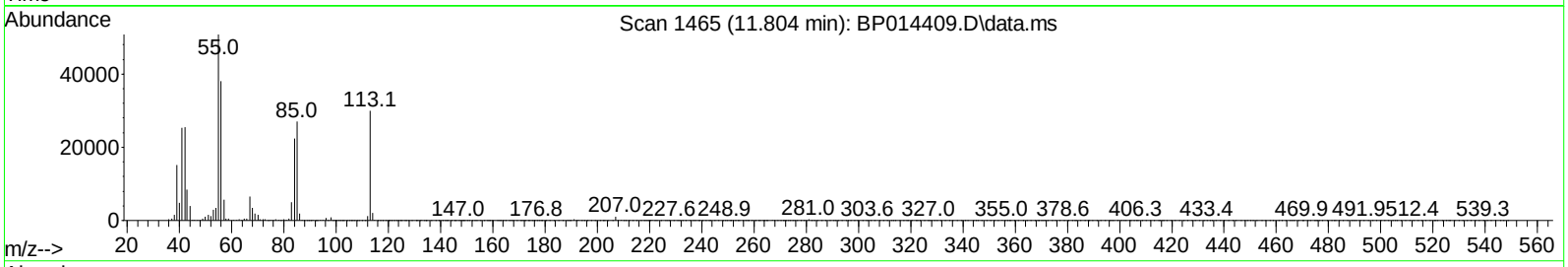

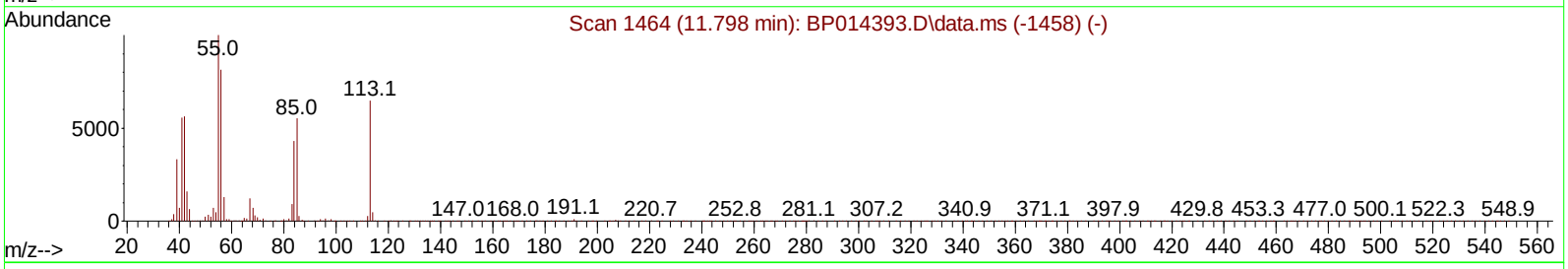

TIC: BP014409.D\data.ms

(34) Caprolactam

11.804min (+ 0.006) 19.86 ng/ul

response 63674

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	169.63
56.00	126.40	127.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
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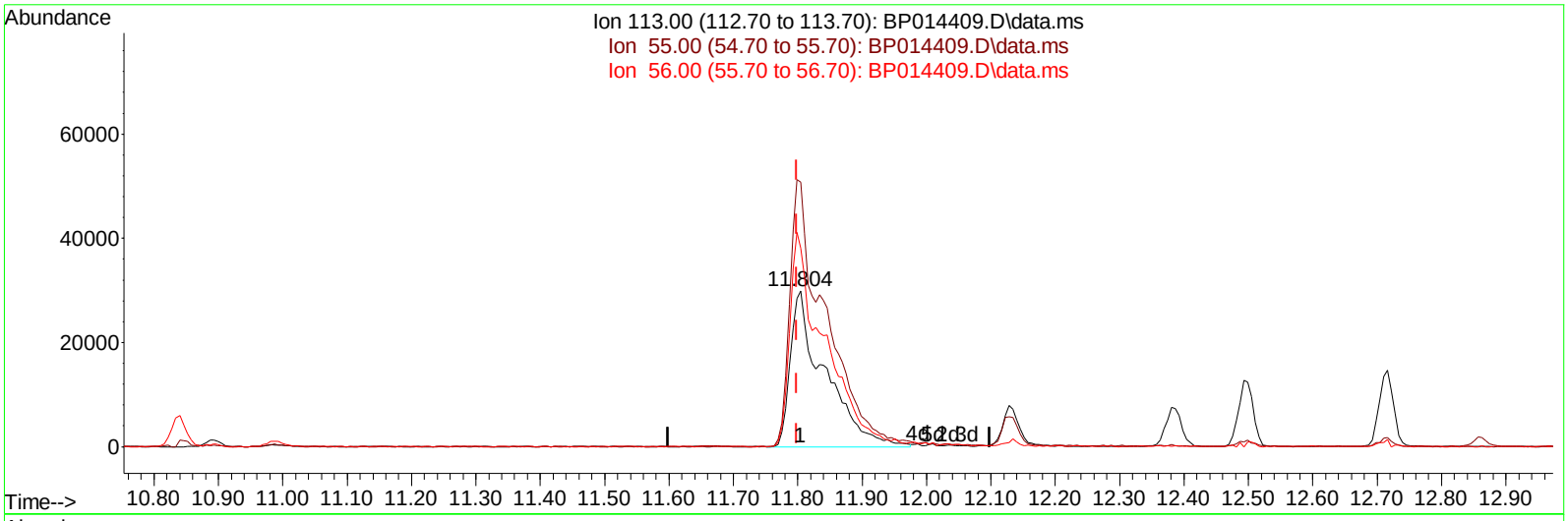

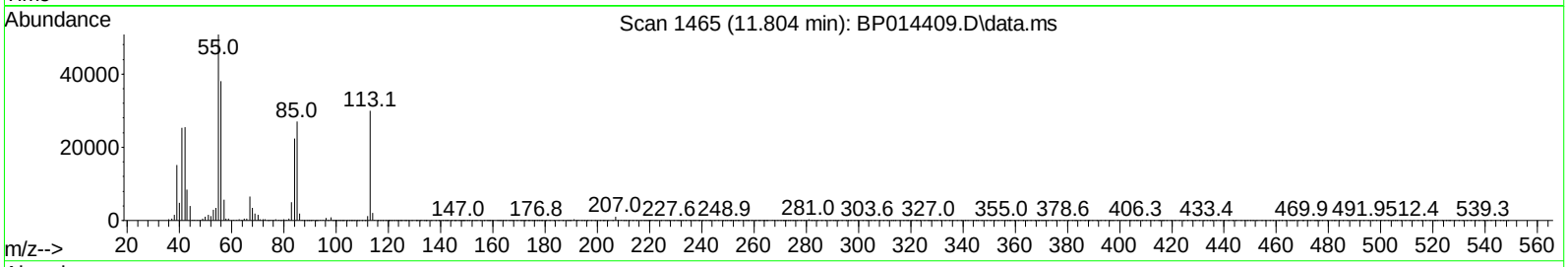

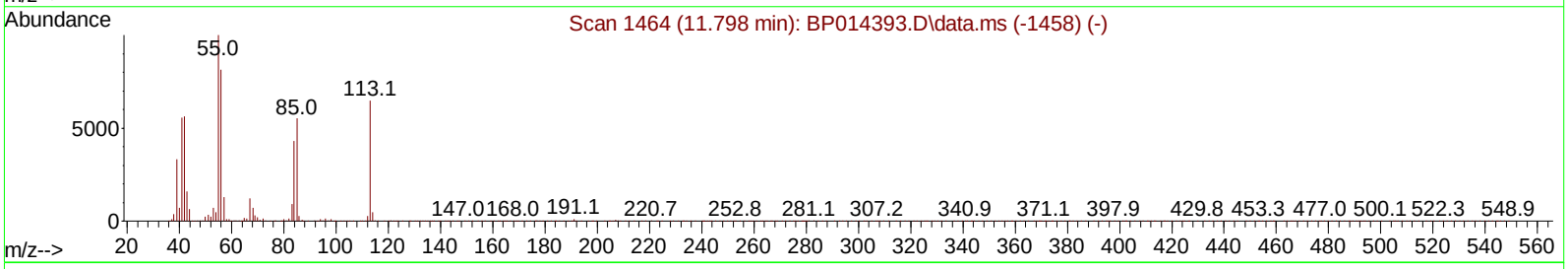

TIC: BP014409.D\data.ms

(34) Caprolactam

11.804min (+ 0.006) 34.59 ng/ul m

response 110896

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	169.63
56.00	126.40	127.22
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	8.016	152	148353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	655044	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	446355	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	978192	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	760638	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	652925	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	20724	5.417	ng/uL	0.00
4) Pyridine-d5	3.822	84	250227	25.524	ng/ul	0.00
7) Phenol-d5	7.175	99	416861	30.468	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	265211	30.212	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	302105	30.550	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	341207	30.917	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	155522	29.410	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	182453	30.132	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	339143	30.754	ng/ul	0.00
31) 4-Chloroaniline-d4	10.987	131	153331	10.556	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	1121119	30.978	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	1197512	29.820	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	172967	31.635	ng/ul	0.00
60) Fluorene-d10	15.663	176	916850	30.379	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	222215	30.873	ng/ul	0.00
73) Anthracene-d10	17.533	188	1415064	29.891	ng/ul	0.00
81) Pyrene-d10	19.763	212	1596408	31.246	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1094015	31.537	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	45712	10.873	ng/uL	97
5) Pyridine	3.840	79	270516	26.368	ng/ul	97
6) Benzaldehyde	7.152	77	169047m	24.858	ng/ul	
8) Phenol	7.205	94	435900	30.712	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	338328	29.663	ng/ul	100
12) 2-Chlorophenol	7.575	128	310348	30.153	ng/ul	94
13) 2-Methylphenol	8.463	108	320644	30.293	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.546	45	460138	30.727	ng/ul	100
16) Acetophenone	8.852	105	546668	29.997	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.834	70	306204	31.102	ng/ul	96
18) 4-Methylphenol	8.799	108	355050	30.544	ng/ul	97
19) Hexachloroethane	9.099	117	135993	30.240	ng/ul	96
22) Nitrobenzene	9.234	77	449129	29.564	ng/ul	100
23) Isophorone	9.763	82	836592	29.875	ng/ul	99
25) 2-Nitrophenol	9.951	139	191228	29.920	ng/ul	99
26) 2,4-Dimethylphenol	10.004	107	422363	29.525	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.246	93	493436	29.390	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	329918	30.400	ng/ul	94
30) Naphthalene	10.893	128	1061458	29.091	ng/ul	99
32) 4-Chloroaniline	11.010	127	164516	11.182	ng/ul	98
33) Hexachlorobutadiene	11.163	225	242685	28.226	ng/ul	99
34) Caprolactam	11.804	113	110896m	34.589	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	420324	31.488	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	12.498	142	736306	29.777	ng/ul	98
37) 1-Methylnaphthalene	12.716	142	760174	30.998	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.863	216	444377	27.923	ng/ul	98
40) Hexachlorocyclopentadiene	12.834	237	261517	25.375	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	294224	29.877	ng/ul	98
42) 2,4,5-Trichlorophenol	13.181	196	330088	31.485	ng/ul	97
43) 1,1'-Biphenyl	13.504	154	1031646	28.608	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	816600	28.639	ng/ul	99
45) 2-Nitroaniline	13.763	65	288864	32.713	ng/ul	99
47) Dimethylphthalate	14.122	163	1096632	30.306	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	228166	32.274	ng/ul	99
50) Acenaphthylene	14.392	152	1272441	29.752	ng/ul	100
51) 3-Nitroaniline	14.587	138	136659	21.577	ng/ul	98
52) Acenaphthene	14.734	153	887822	29.377	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	144329	31.525	ng/ul	99
55) 4-Nitrophenol	14.898	109	170748	31.643	ng/ul	95
56) Dibenzofuran	15.069	168	1255157	29.544	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	333572	33.263	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.298	232	295536	31.364	ng/ul	99
59) Diethylphthalate	15.486	149	1143878	31.811	ng/ul	99
61) Fluorene	15.722	166	1035638	30.074	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	552955	29.888	ng/ul	98
63) 4-Nitroaniline	15.757	138	180307	35.038	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	213446	30.600	ng/ul	96
67) N-Nitrosodiphenylamine	15.928	169	783516	25.744	ng/ul	98
68) 4-Bromophenyl-phenylether	16.610	248	356396	29.279	ng/ul	98
69) Hexachlorobenzene	16.728	284	409544	29.292	ng/ul	99
70) Atrazine	16.886	200	68322	6.167	ng/ul	98
71) Pentachlorophenol	17.081	266	233739	28.857	ng/ul	99
72) Phenanthrene	17.475	178	1646462	30.254	ng/ul	100
74) Anthracene	17.569	178	1649256	30.069	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	452618	26.287	ng/uL	97
76) Pentachlorobenzene	14.987	250	478872	27.872	ng/uL	99
77) Carbazole	17.839	167	1292331	28.155	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1935448	33.535	ng/ul	99
80) Fluoranthene	19.439	202	1878215	31.092	ng/ul	100
82) Pyrene	19.792	202	1926614	30.548	ng/ul	99
83) Butylbenzylphthalate	20.645	149	764471	35.189	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	61367	3.648	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1656098	30.725	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1039797	35.001	ng/ul	99
87) Chrysene	21.563	228	1562258	30.696	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1591826	37.569	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1478851	33.536	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	1434574	33.496	ng/ul	100
93) Benzo(a)pyrene	23.933	252	1244229	32.780	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	1604329	30.722	ng/ul	99
95) Dibenzo(a,h)anthracene	26.704	278	1349016	30.855	ng/ul	100
96) Benzo(g,h,i)perylene	27.504	276	1287809	30.254	ng/ul	98

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

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