Quantitation Report (Qedit)

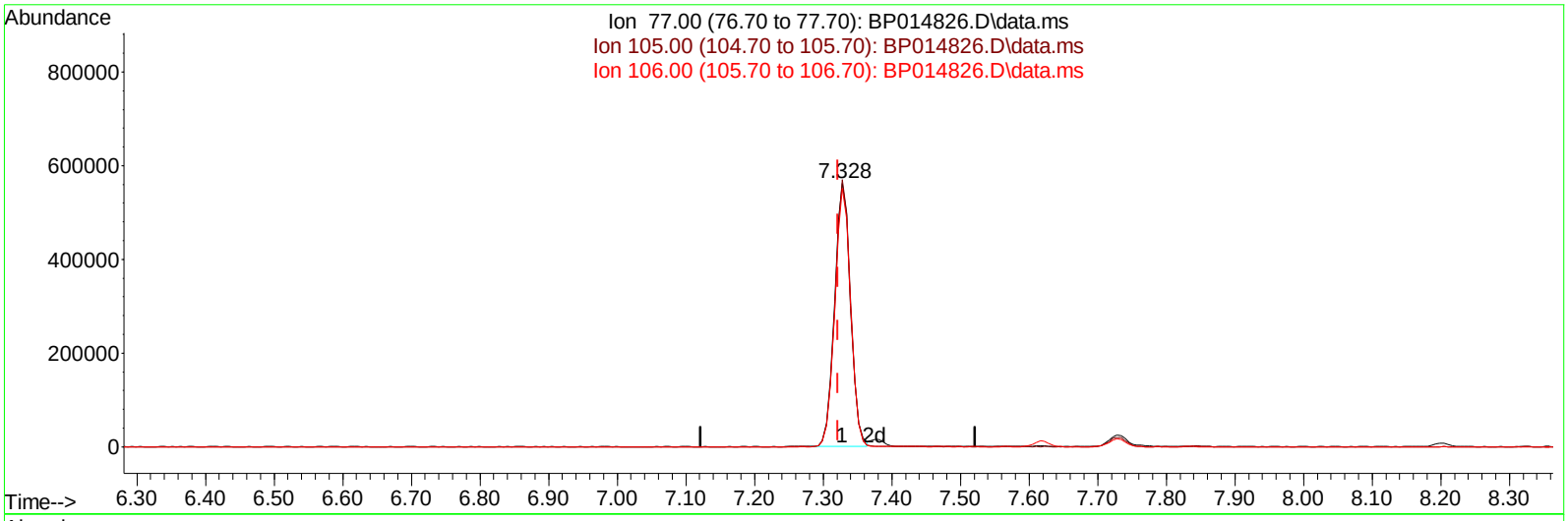
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042523\
Data File : BP014826.D
Acq On : 25 Apr 2023 16:13
Operator : CG/JU
Sample : SSTD08057
Misc :
ALS Vial : 6 Sample Multiplier: 1

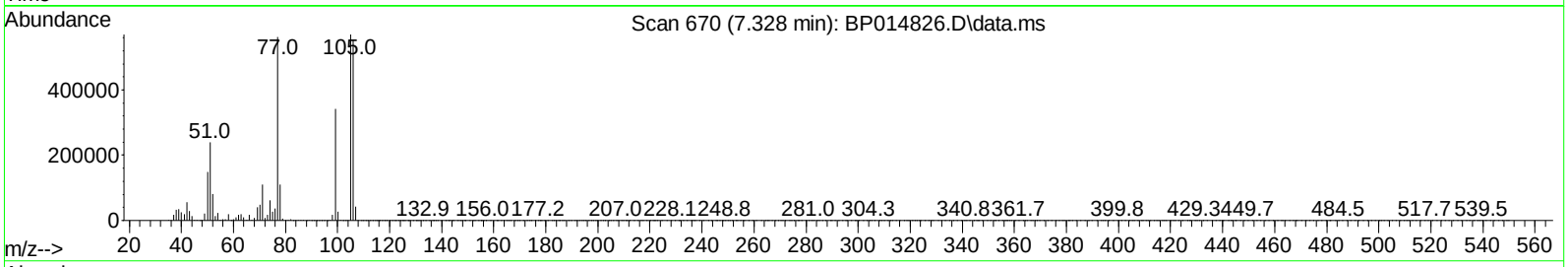
Quant Time: Apr 26 02:08:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 17:28:12 2023
Response via : Initial Calibration

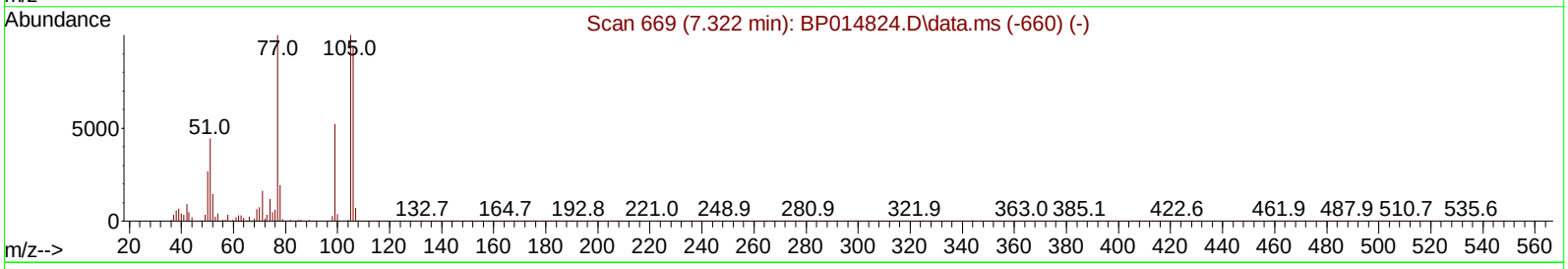
Instrument :
BNA_P
ClientSampleId :
SSTD080643

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023







TIC: BP014826.D\data.ms

(6) Benzaldehyde

7.328min (+ 0.006) 64.80 ng/ul

response 908829

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.90	101.25
106.00	94.00	98.09
0.00	0.00	0.00

Quantitation Report (Qedit)

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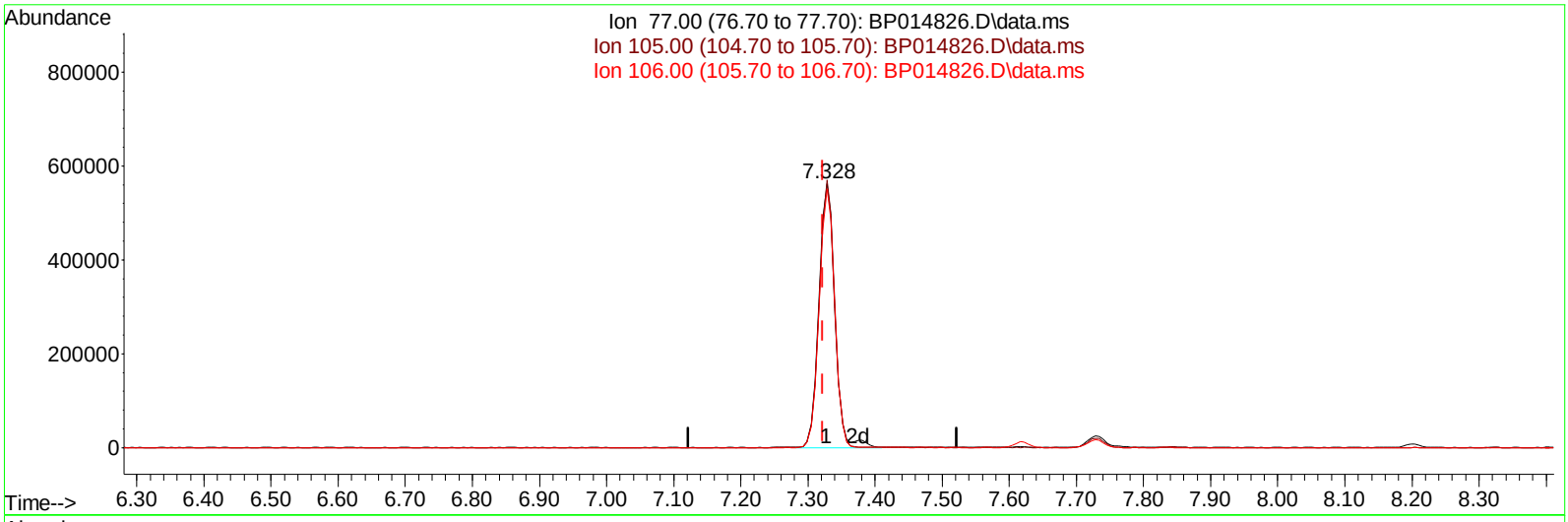

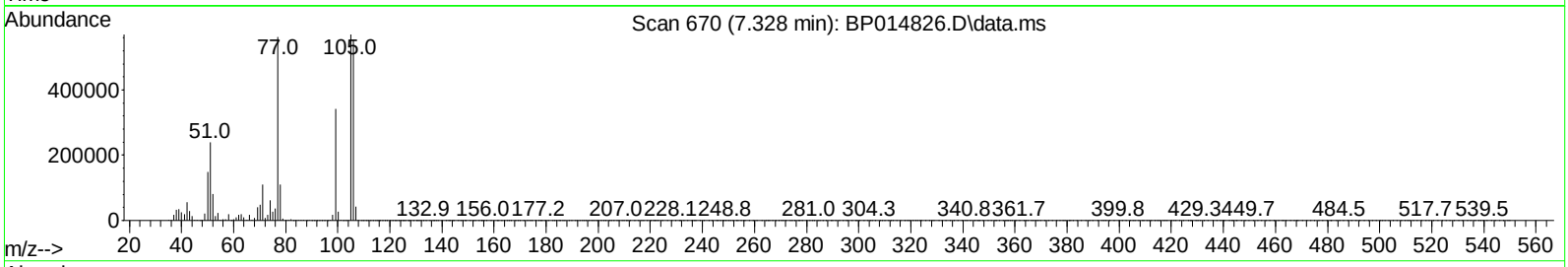

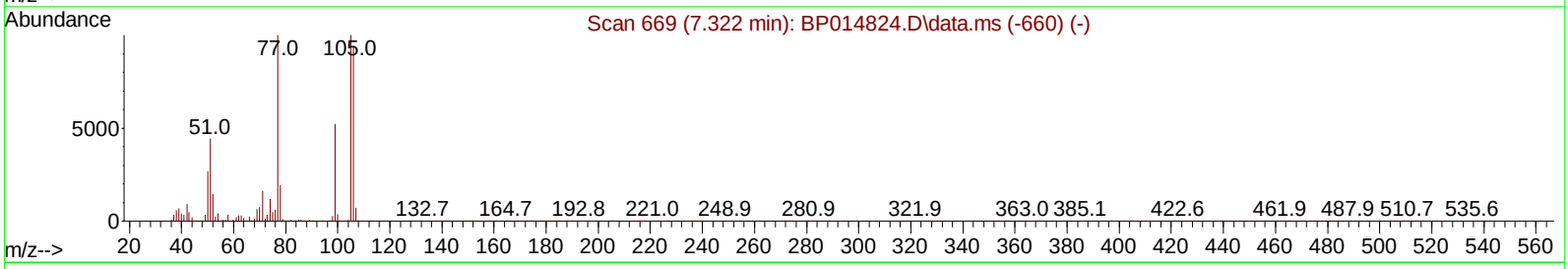

TIC: BP014826.D\data.ms

(6) Benzaldehyde

7.328min (+ 0.006) 66.44 ng/ul m

response 931834

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.90	101.25
106.00	94.00	98.09
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 25 Apr 2023 16:13
Operator : CG/JU
Sample : SSTD08057
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 02:34:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
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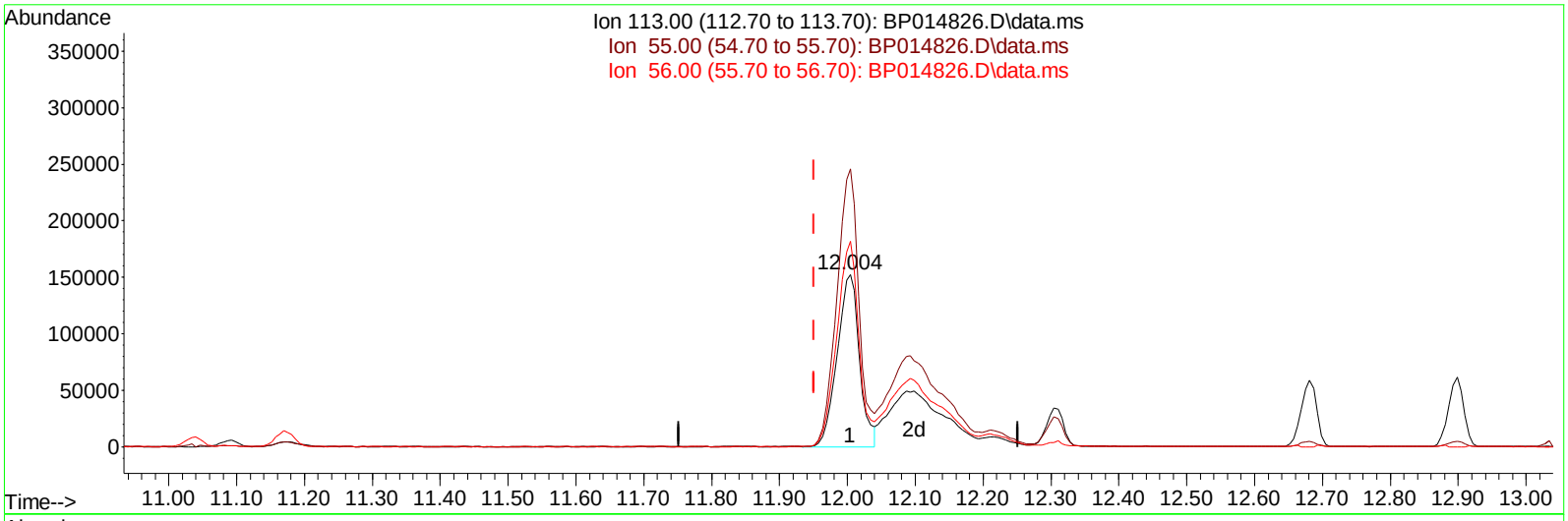

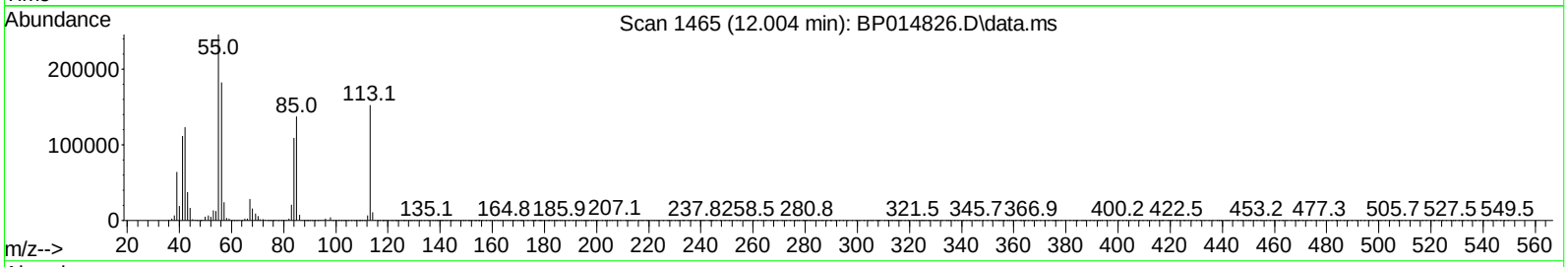

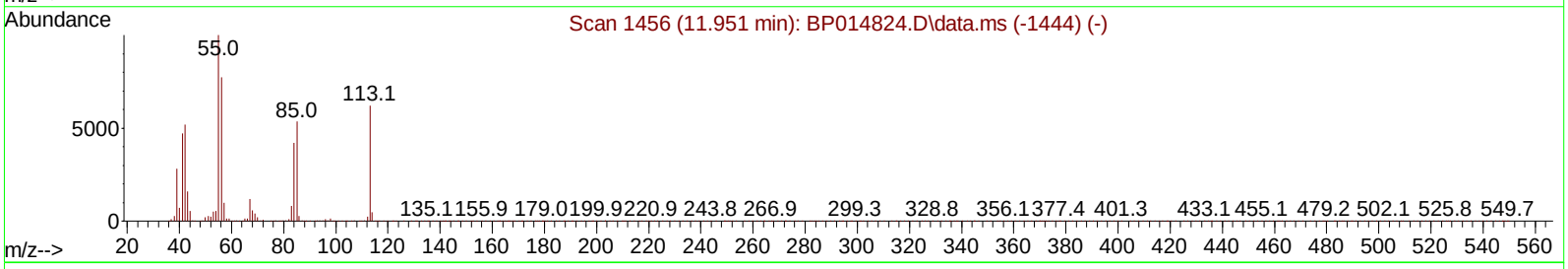

TIC: BP014826.D\data.ms

(34) Caprolactam

12.004min (+ 0.053) 46.35 ng/ul

response 347317

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	161.21
56.00	124.30	119.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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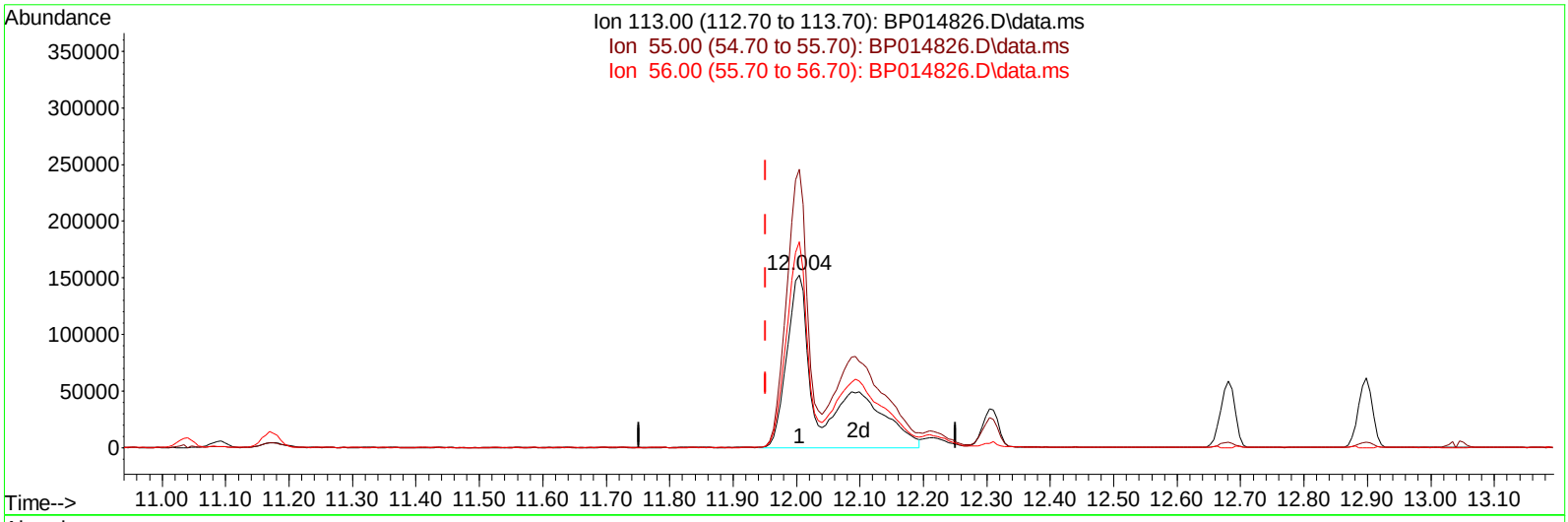

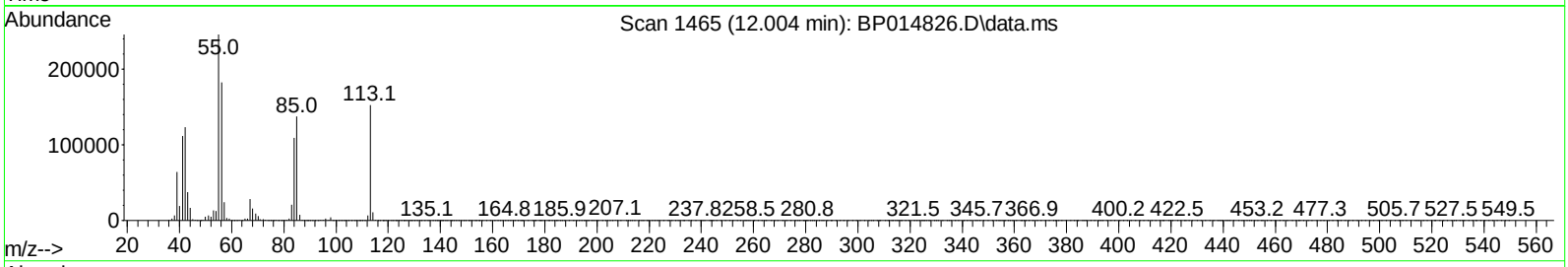

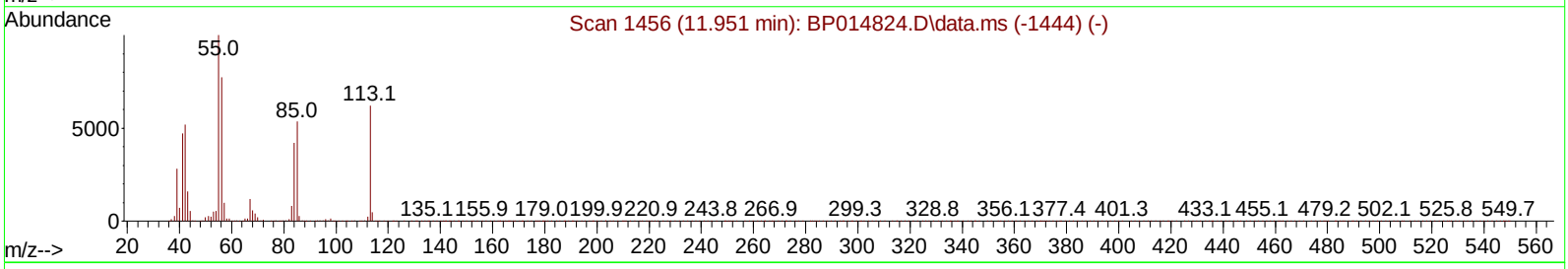

TIC: BP014826.D\data.ms

(34) Caprolactam

12.004min (+ 0.053) 82.74 ng/ul m

response 619946

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.30	161.21
56.00	124.30	119.44
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	8.199	152	324820	20.000	ng/ul	0.00
20) Naphthalene-d8	11.040	136	1423830	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	891193	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1878127	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	1480294	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1381855	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	255557	30.933	ng/uL	0.00
4) Pyridine-d5	3.940	84	1932387	80.648	ng/ul	0.00
7) Phenol-d5	7.352	99	2422457	82.038	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.522	67	1407930	79.343	ng/ul	0.00
11) 2-Chlorophenol-d4	7.728	132	1835283	84.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.916	113	1942553	81.905	ng/ul	0.01
21) Nitrobenzene-d5	9.387	128	951889	89.309	ng/ul	0.01
24) 2-Nitrophenol-d4	10.110	143	1038270	94.775	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.652	165	1874942	82.340	ng/ul	0.01
31) 4-Chloroaniline-d4	11.175	131	2599399	79.554	ng/ul	0.01
46) Dimethylphthalate-d6	14.240	166	5262297	76.097	ng/ul	0.00
49) Acenaphthylene-d8	14.534	160	5994507	75.613	ng/ul	0.00
54) 4-Nitrophenol-d4	15.028	143	1045571	82.995	ng/ul	0.02
60) Fluorene-d10	15.828	176	4279757	72.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.945	200	944506	90.631	ng/ul	0.02
73) Anthracene-d10	17.686	188	6489189	73.581	ng/ul	0.00
81) Pyrene-d10	19.898	212	7152892	79.478	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.098	264	5934342	82.838	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	275103	30.858	ng/uL	99
5) Pyridine	3.958	79	1964901	79.982	ng/ul	99
6) Benzaldehyde	7.328	77	931834m	66.445	ng/ul	
8) Phenol	7.381	94	2508194	81.674	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.616	93	1969989	80.026	ng/ul	99
12) 2-Chlorophenol	7.763	128	1869788	82.219	ng/ul	99
13) 2-Methylphenol	8.646	108	1900391	82.044	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.740	45	2440059	79.534	ng/ul	99
16) Acetophenone	9.046	105	2796570	75.376	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.046	70	1390541	73.236	ng/ul	96
18) 4-Methylphenol	8.993	108	2096466	80.849	ng/ul	97
19) Hexachloroethane	9.299	117	738085	80.457	ng/ul	97
22) Nitrobenzene	9.428	77	2205641	81.350	ng/ul	96
23) Isophorone	9.969	82	4436153	79.204	ng/ul	100
25) 2-Nitrophenol	10.146	139	1083073	88.565	ng/ul	96
26) 2,4-Dimethylphenol	10.199	107	2149499	79.211	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.440	93	2722951	77.224	ng/ul	98
29) 2,4-Dichlorophenol	10.681	162	1817851	80.117	ng/ul	98
30) Naphthalene	11.093	128	5924490	75.226	ng/ul	99
32) 4-Chloroaniline	11.199	127	2588802	78.638	ng/ul	100
33) Hexachlorobutadiene	11.375	225	1127106	78.102	ng/ul	99
34) Caprolactam	12.004	113	619946m	82.736	ng/ul	
35) 4-Chloro-3-methylphenol	12.304	107	2011435	80.059	ng/ul	98

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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	3964212	74.135	ng/ul	100
37) 1-Methylnaphthalene	12.898	142	3916088	73.460	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.046	216	2155623	77.206	ng/ul	98
40) Hexachlorocyclopentadiene	13.022	237	1411743	87.259	ng/ul	99
41) 2,4,6-Trichlorophenol	13.275	196	1490658	84.116	ng/ul	99
42) 2,4,5-Trichlorophenol	13.351	196	1627024	83.078	ng/ul	97
43) 1,1'-Biphenyl	13.675	154	5126542	73.179	ng/ul	98
44) 2-Chloronaphthalene	13.722	162	4099791	74.756	ng/ul	99
45) 2-Nitroaniline	13.922	65	1232722	89.749	ng/ul	96
47) Dimethylphthalate	14.293	163	5200248	75.033	ng/ul	100
48) 2,6-Dinitrotoluene	14.416	165	1135789	91.464	ng/ul	94
50) Acenaphthylene	14.563	152	6252230	73.023	ng/ul	99
51) 3-Nitroaniline	14.740	138	1112552	81.680	ng/ul	98
52) Acenaphthene	14.904	153	4280631	72.733	ng/ul	99
53) 2,4-Dinitrophenol	14.940	184	698006	95.417	ng/ul	94
55) 4-Nitrophenol	15.045	109	751250	79.698	ng/ul	99
56) Dibenzofuran	15.234	168	5909119	71.295	ng/ul	98
57) 2,4-Dinitrotoluene	15.198	165	1599944	87.442	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.457	232	1356031	82.111	ng/ul	95
59) Diethylphthalate	15.651	149	5102787	76.029	ng/ul	98
61) Fluorene	15.887	166	4309858	65.919	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.869	204	2273156	68.582	ng/ul	98
63) 4-Nitroaniline	15.910	138	929754	75.676	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.963	198	918506	87.687	ng/ul#	96
67) N-Nitrosodiphenylamine	16.087	169	4091375	74.071	ng/ul	100
68) 4-Bromophenyl-phenylether	16.769	248	1597721	78.618	ng/ul	98
69) Hexachlorobenzene	16.887	284	1826237	77.488	ng/ul	98
70) Atrazine	17.039	200	1507767	79.870	ng/ul	99
71) Pentachlorophenol	17.228	266	1177965	85.203	ng/ul	98
72) Phenanthrene	17.628	178	7375099	71.707	ng/ul	99
74) Anthracene	17.722	178	7256600	69.979	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.646	216	2247958	80.401	ng/uL	100
76) Pentachlorobenzene	15.151	250	2135753	77.373	ng/uL	99
77) Carbazole	17.981	167	6849600	77.609	ng/ul	98
78) Di-n-butylphthalate	18.510	149	8197967	78.264	ng/ul	99
80) Fluoranthene	19.575	202	8337671	78.610	ng/ul	99
82) Pyrene	19.928	202	8207562	74.820	ng/ul	97
83) Butylbenzylphthalate	20.775	149	3482216	94.611	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.563	252	2499012	80.902	ng/ul	99
85) Benzo(a)anthracene	21.645	228	7830347	76.037	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.539	149	4998938	91.492	ng/ul	98
87) Chrysene	21.704	228	7289992	74.675	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	8604048	93.655	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	7616811	80.485	ng/ul	99
91) Benzo(k)fluoranthene	23.516	252	7370479	80.303	ng/ul	99
93) Benzo(a)pyrene	24.157	252	6437037	80.306	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.039	276	7184837	79.488	ng/ul	96
95) Dibenzo(a,h)anthracene	27.057	278	5956192	79.013	ng/ul	99
96) Benzo(g,h,i)perylene	27.892	276	5788650	80.834	ng/ul	98

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

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