Quantitation Report (Qedit)

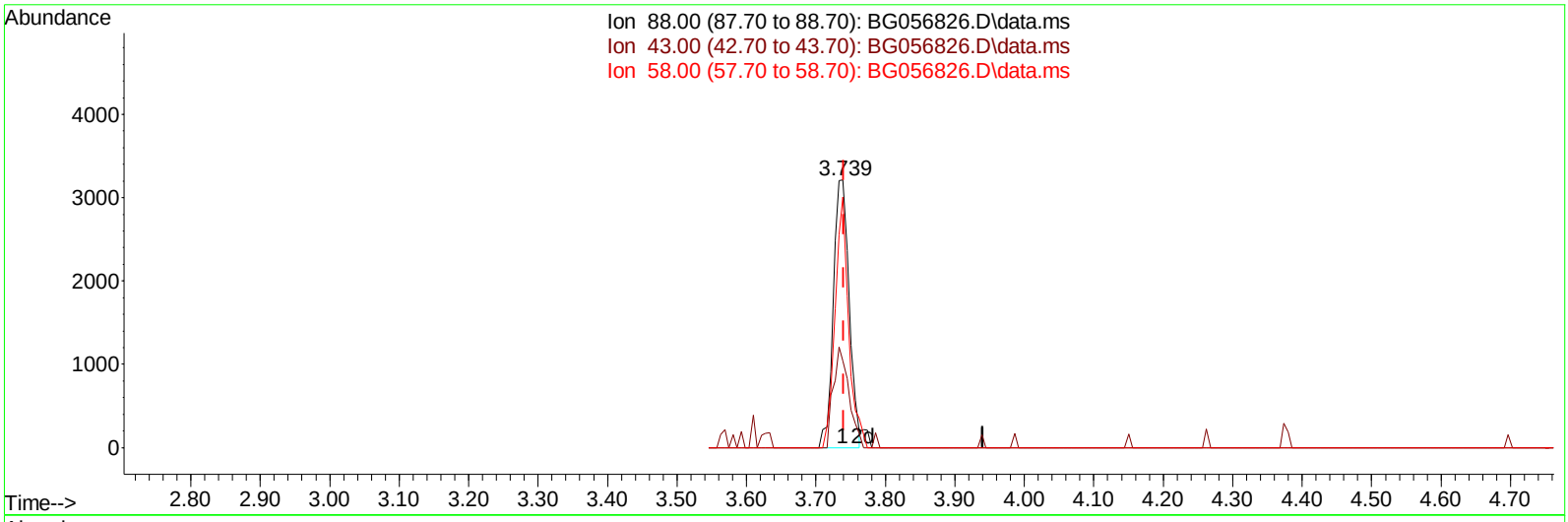
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056826.D
Acq On : 4 Mar 2023 6:55
Operator : CG/JU
Sample : 01711-15MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

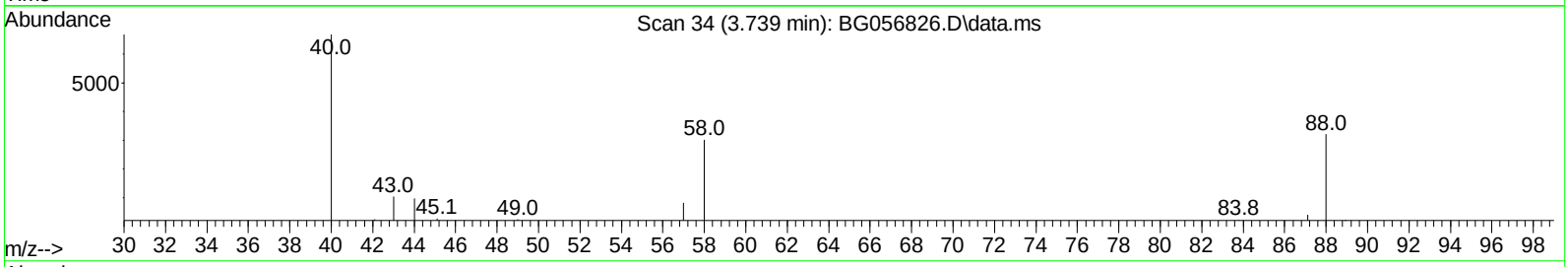
Quant Time: Mar 05 23:55:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

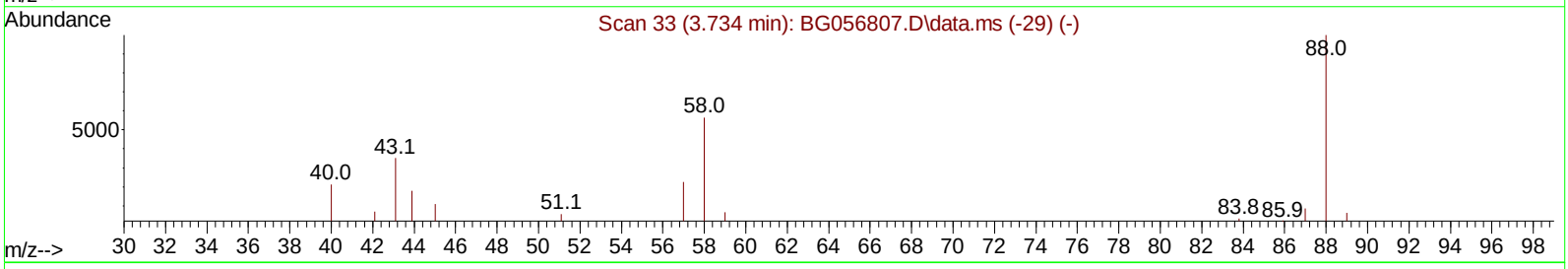
Instrument :
BNA_G
ClientSampleId :
DBAD0MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023







TIC: BG056826.D\data.ms

(2) 1,4-Dioxane

3.739min (-0.001) 14.89 ng/uL

response 5159

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	32.37
58.00	63.20	93.83#
0.00	0.00	0.00

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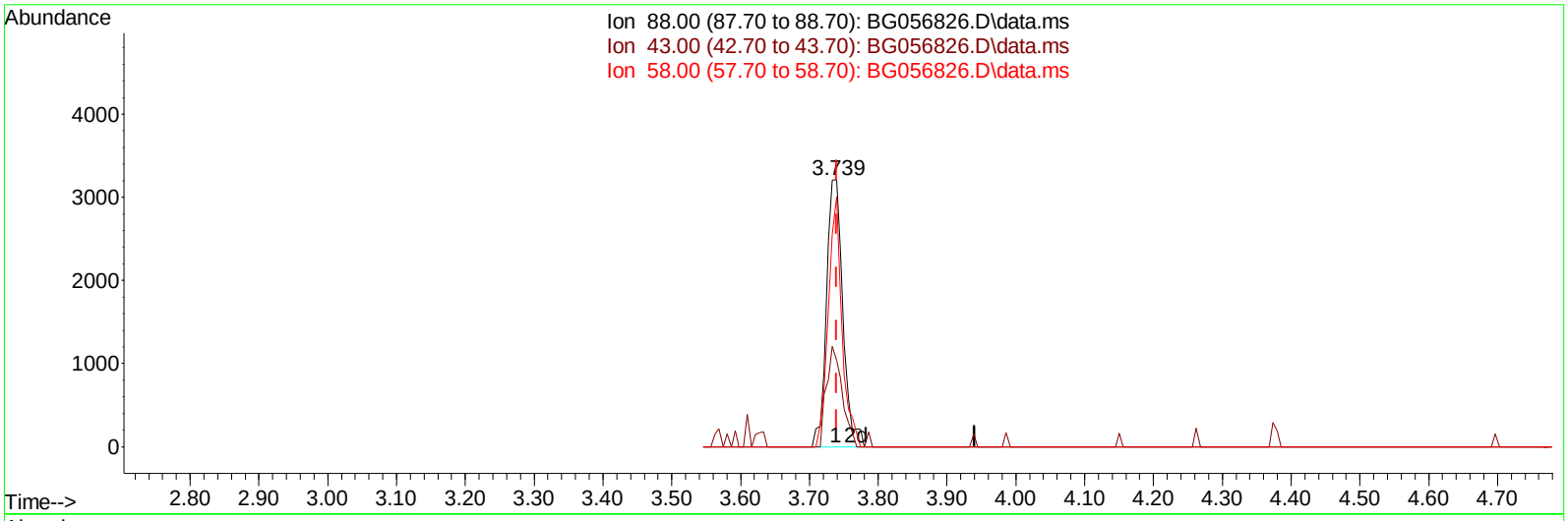

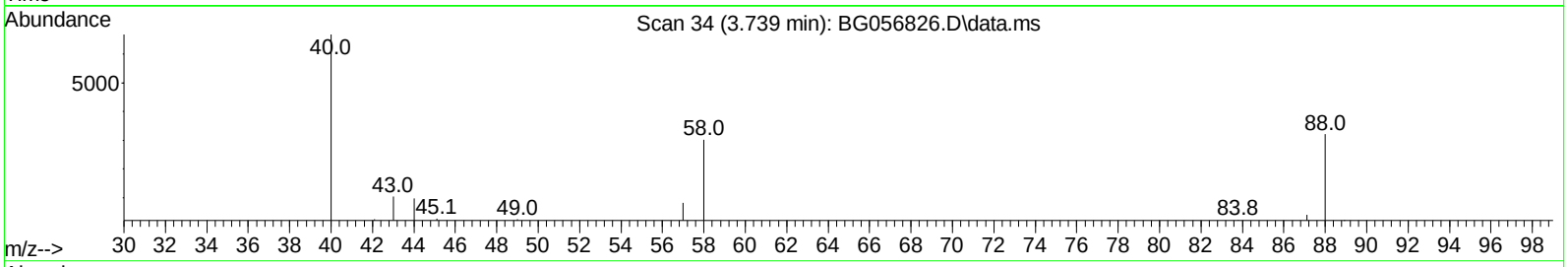

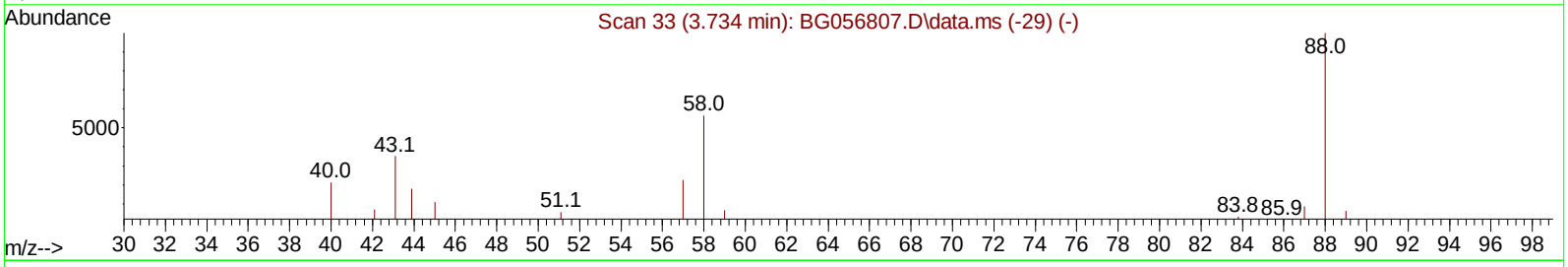

TIC: BG056826.D\data.ms

(2) 1,4-Dioxane

3.739min (-0.001) 15.32 ng/uL m

response 5309

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	32.37
58.00	63.20	93.83#
0.00	0.00	0.00

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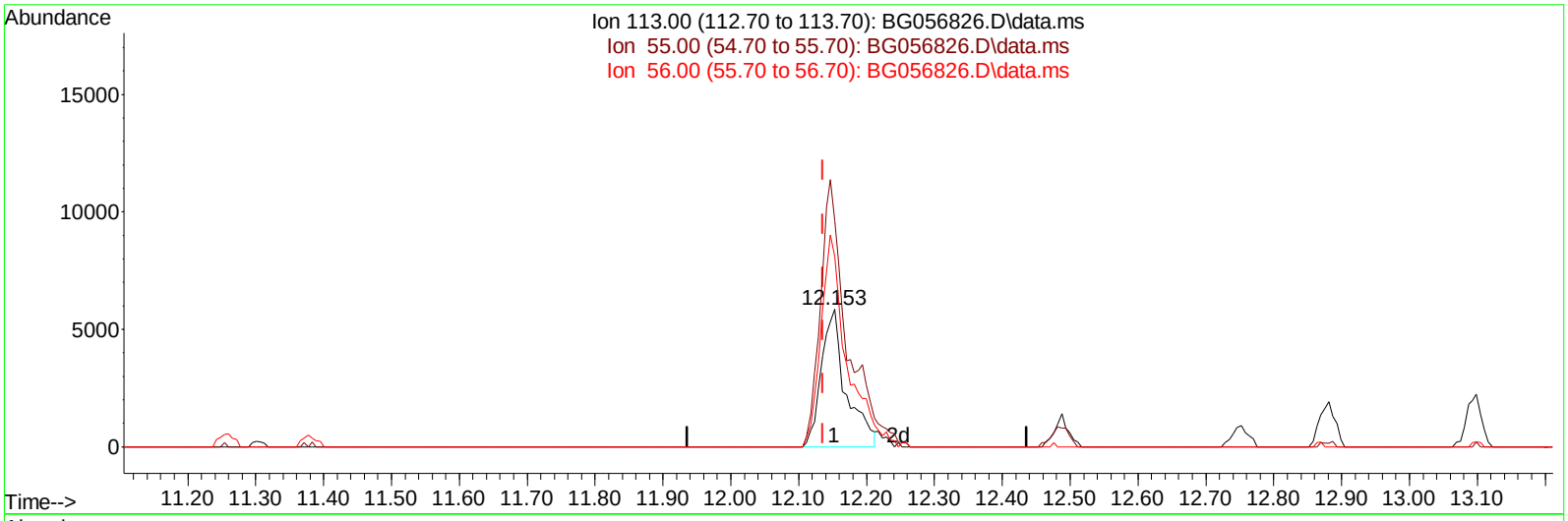

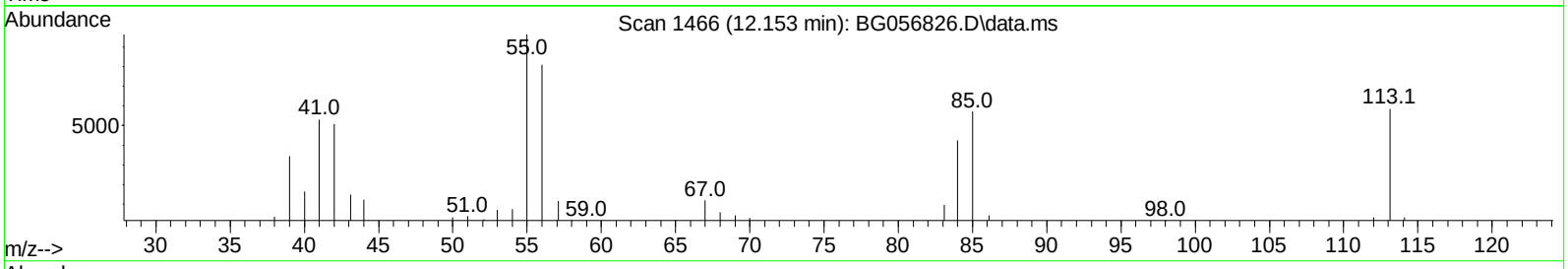

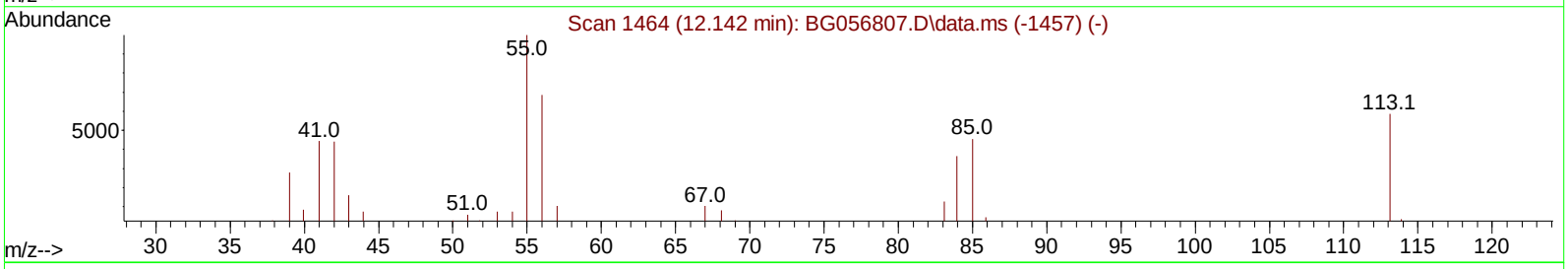

TIC: BG056826.D\data.ms

(34) Caprolactam

12.153min (+ 0.016) 33.58 ng/ul

response 14744

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	164.80#
56.00	141.90	138.47
0.00	0.00	0.00

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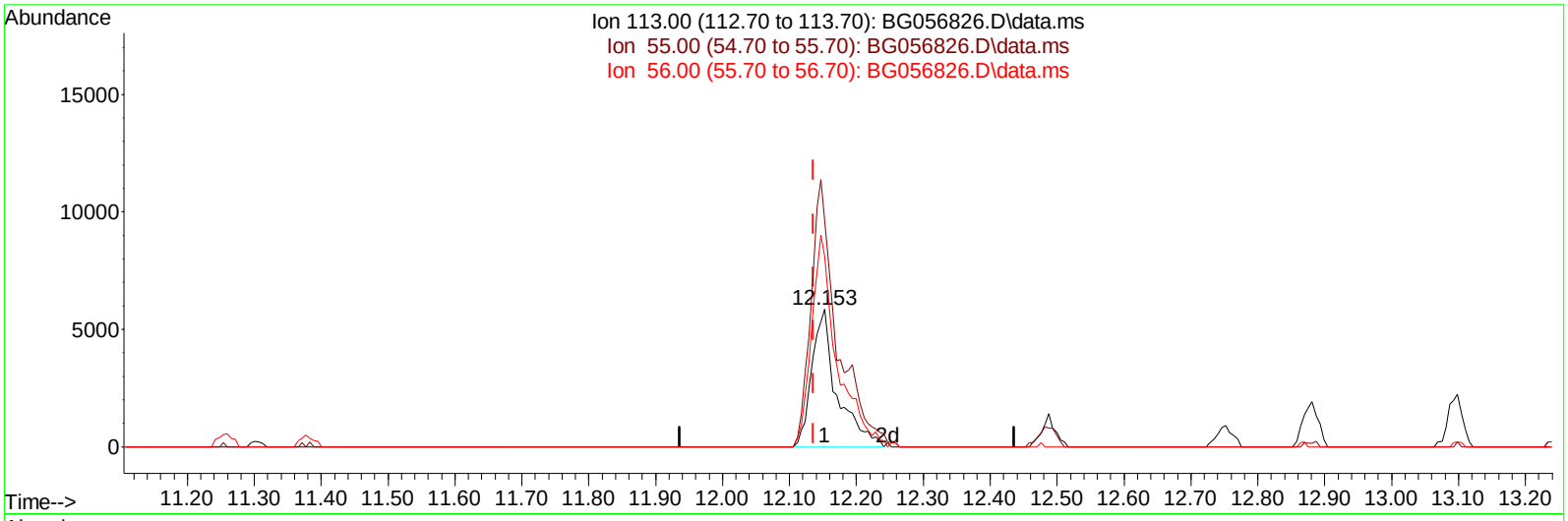

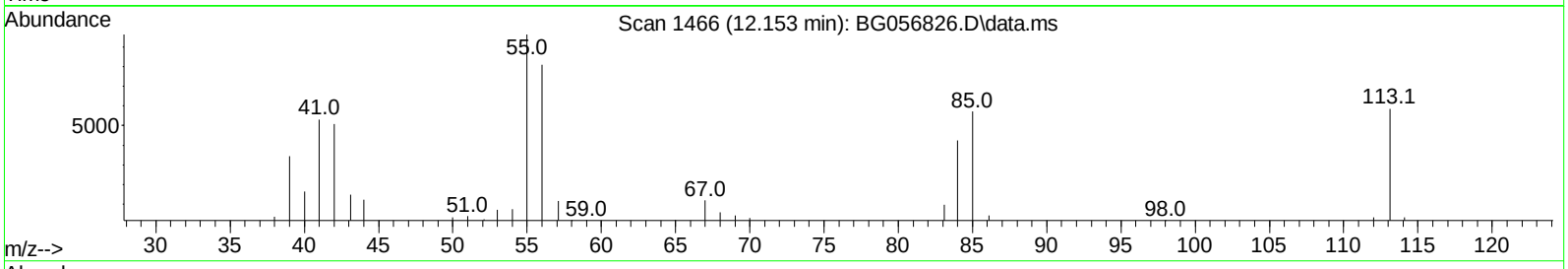

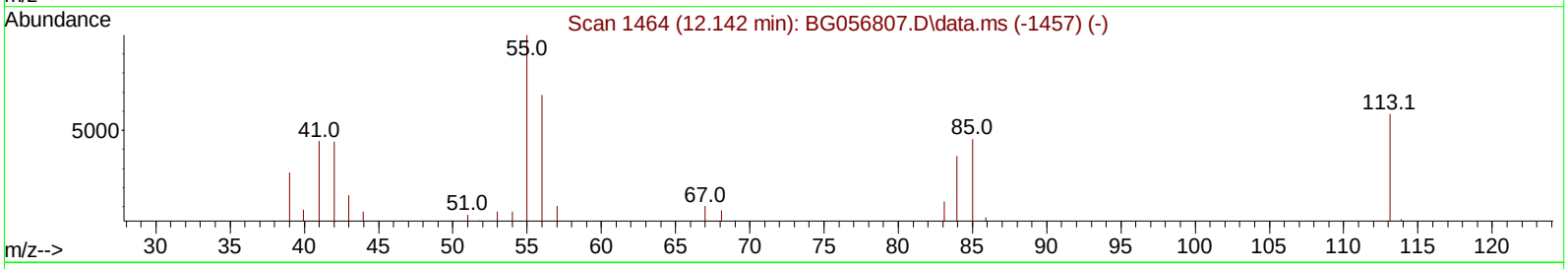

TIC: BG056826.D\data.ms

(34) Caprolactam

12.153min (+ 0.016) 34.97 ng/ul m

response 15353

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	164.80#
56.00	141.90	138.47
0.00	0.00	0.00

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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	8.416	152	15587	20.000	ng/ul	0.00
20) Naphthalene-d8	11.254	136	70968	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.020	164	53569	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.758	188	139035	20.000	ng/ul	0.00
79) Chrysene-d12	22.065	240	126796	20.000	ng/ul	0.00
88) Perylene-d12	25.590	264	139474	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.698	96	2132	7.587	ng/uL	0.00
4) Pyridine-d5	4.133	84	39501	34.828	ng/ul	0.00
7) Phenol-d5	7.541	99	56458	36.196	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.723	67	34118	35.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.940	132	36871	35.596	ng/ul	0.00
15) 4-Methylphenol-d8	9.109	113	41471	34.796	ng/ul	0.00
21) Nitrobenzene-d5	9.591	128	20186	33.941	ng/ul	0.00
24) 2-Nitrophenol-d4	10.320	143	24830	35.073	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.860	165	46296	34.712	ng/ul	0.00
31) 4-Chloroaniline-d4	11.377	131	51460	29.583	ng/ul	0.00
46) Dimethylphthalate-d6	14.409	166	152080	35.187	ng/ul	0.00
49) Acenaphthylene-d8	14.720	160	172981	35.214	ng/ul	0.00
54) 4-Nitrophenol-d4	15.185	143	23759	31.884	ng/ul	0.00
60) Fluorene-d10	16.007	176	141515	35.396	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.107	200	30046	32.301	ng/ul	0.00
73) Anthracene-d10	17.852	188	217280	32.213	ng/ul	0.00
81) Pyrene-d10	20.114	212	263667	30.730	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.349	264	255839	33.984	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.739	88	5309m	15.324	ng/uL	
5) Pyridine	4.156	79	45437	37.829	ng/ul	93
6) Benzaldehyde	7.541	77	37214	45.540	ng/ul	98
8) Phenol	7.570	94	60197	37.836	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.817	93	40192	35.555	ng/ul	96
12) 2-Chlorophenol	7.969	128	36459	35.543	ng/ul	96
13) 2-Methylphenol	8.845	108	42935	35.777	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.939	45	54028	35.568	ng/ul	99
16) Acetophenone	9.244	105	73626	36.075	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.221	70	42423	36.227	ng/ul	98
18) 4-Methylphenol	9.174	108	46934	35.993	ng/ul	100
19) Hexachloroethane	9.521	117	15607	35.779	ng/ul	91
22) Nitrobenzene	9.632	77	64221	37.238	ng/ul	98
23) Isophorone	10.155	82	116132	34.443	ng/ul	99
25) 2-Nitrophenol	10.355	139	24415	34.937	ng/ul#	87
26) 2,4-Dimethylphenol	10.390	107	54871	35.158	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.631	93	60082	35.254	ng/ul	99
29) 2,4-Dichlorophenol	10.890	162	47877	37.070	ng/ul	95
30) Naphthalene	11.307	128	134441	34.416	ng/ul	99
32) 4-Chloroaniline	11.401	127	50393	29.245	ng/ul	94
33) Hexachlorobutadiene	11.583	225	36641	35.597	ng/ul	92
34) Caprolactam	12.153	113	15353m	34.967	ng/ul	
35) 4-Chloro-3-methylphenol	12.488	107	52518	35.396	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.875	142	97274	34.770	ng/ul	95
37) 1-Methylnaphthalene	13.093	142	100227	36.336	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.234	216	72305	38.070	ng/ul	99
40) Hexachlorocyclopentadiene	13.216	237	42486	31.219	ng/ul	95
41) 2,4,6-Trichlorophenol	13.463	196	48898	38.531	ng/ul	99
42) 2,4,5-Trichlorophenol	13.539	196	53376	38.735	ng/ul	88
43) 1,1'-Biphenyl	13.863	154	141891	36.021	ng/ul	98
44) 2-Chloronaphthalene	13.910	162	118908	36.484	ng/ul	92
45) 2-Nitroaniline	14.098	65	42793	37.827	ng/ul	96
47) Dimethylphthalate	14.456	163	155184	35.306	ng/ul	99
48) 2,6-Dinitrotoluene	14.585	165	32799	36.403	ng/ul	92
50) Acenaphthylene	14.750	152	177536	35.775	ng/ul	98
51) 3-Nitroaniline	14.908	138	29314	36.352	ng/ul#	95
52) Acenaphthene	15.085	153	123210	36.142	ng/ul	99
53) 2,4-Dinitrophenol	15.114	184	21634	37.480	ng/ul#	85
55) 4-Nitrophenol	15.196	109	32601	37.796	ng/ul	92
56) Dibenzofuran	15.414	168	186577	36.053	ng/ul	98
57) 2,4-Dinitrotoluene	15.361	165	46425	35.940	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.631	232	48045	37.467	ng/ul#	98
59) Diethylphthalate	15.801	149	153798	34.957	ng/ul	99
61) Fluorene	16.060	166	147053	35.488	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.042	204	89885	36.622	ng/ul	99
63) 4-Nitroaniline	16.066	138	29966	38.033	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.125	198	31596	35.282	ng/ul	96
67) N-Nitrosodiphenylamine	16.248	169	131330	33.968	ng/ul	99
68) 4-Bromophenyl-phenylether	16.935	248	62322	35.371	ng/ul	100
69) Hexachlorobenzene	17.059	284	66519	35.141	ng/ul	98
70) Atrazine	17.182	200	56121	33.422	ng/ul	95
71) Pentachlorophenol	17.400	266	38098	35.445	ng/ul	96
72) Phenanthrene	17.799	178	255139	33.877	ng/ul	98
74) Anthracene	17.887	178	257027	33.771	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.833	216	77097	36.247	ng/uL	95
76) Pentachlorobenzene	15.331	250	76993	35.690	ng/uL	97
77) Carbazole	18.152	167	216122	33.938	ng/ul	98
78) Di-n-butylphthalate	18.675	149	249629	34.012	ng/ul	99
80) Fluoranthene	19.779	202	322718	31.107	ng/ul	99
82) Pyrene	20.143	202	322434	31.548	ng/ul	100
83) Butylbenzylphthalate	21.001	149	110696	34.141	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.941	252	99550	31.314	ng/ul	97
85) Benzo(a)anthracene	22.041	228	325431	35.264	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.900	149	159431	35.004	ng/ul	98
87) Chrysene	22.118	228	297895	34.659	ng/ul	100
89) Di-n-octyl phthalate	23.216	149	270141	35.626	ng/ul	100
90) Benzo(b)fluoranthene	24.462	252	333812	35.752	ng/ul	97
91) Benzo(k)fluoranthene	24.532	252	318542	35.026	ng/ul	98
93) Benzo(a)pyrene	25.425	252	286122	34.862	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.662	276	392946	35.244	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.720	278	323391	34.691	ng/ul#	98
96) Benzo(g,h,i)perylene	30.937	276	317090	35.605	ng/ul	98

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

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