Quantitation Report (Qedit)

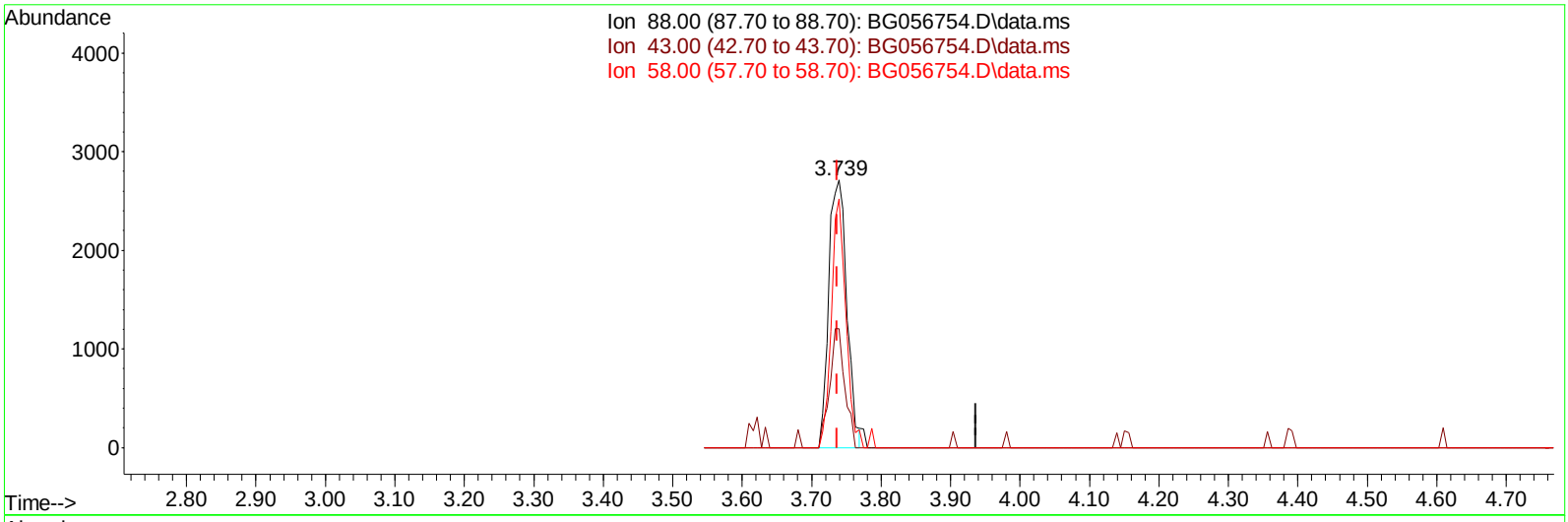
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022823\
Data File : BG056754.D
Acq On : 28 Feb 2023 14:17
Operator : CG/JU
Sample : 01648-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

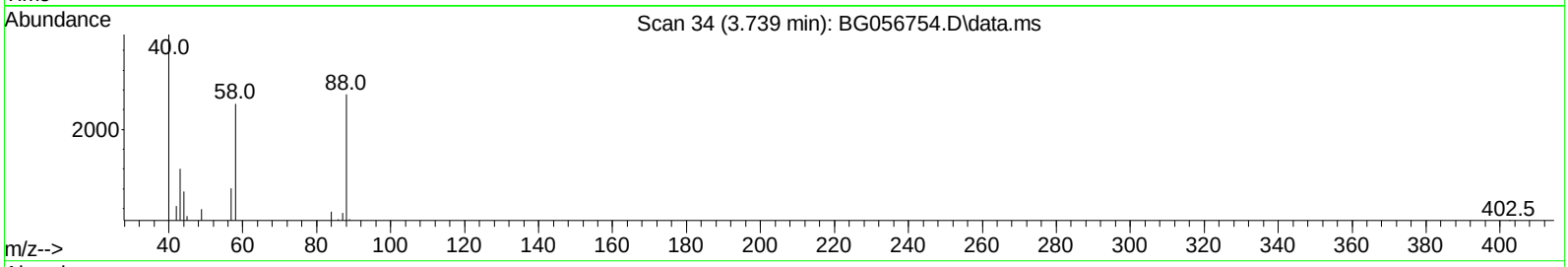
Quant Time: Mar 01 00:01:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 28 23:55:08 2023
Response via : Initial Calibration

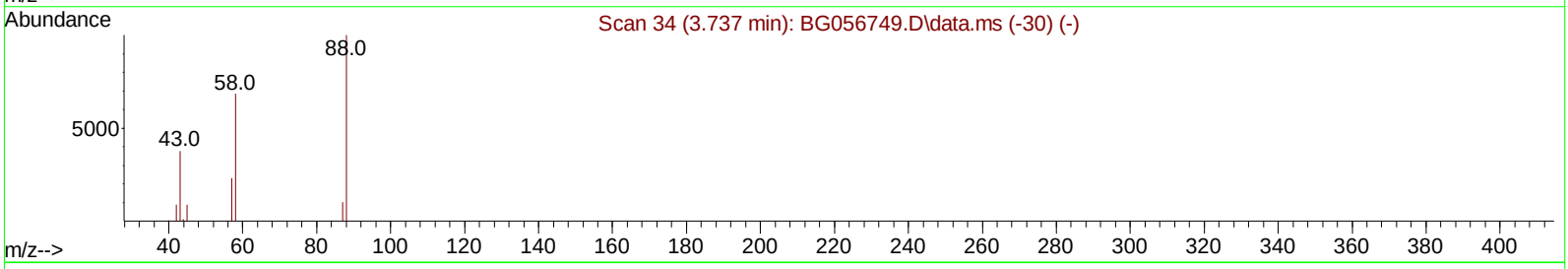
Instrument :
BNA_G
ClientSampleId :
DBZT0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/01/2023







TIC: BG056754.D\data.ms

(2) 1,4-Dioxane

3.739min (+ 0.002) 13.46 ng/uL

response 4958

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	44.49#
58.00	63.20	93.10#
0.00	0.00	0.00

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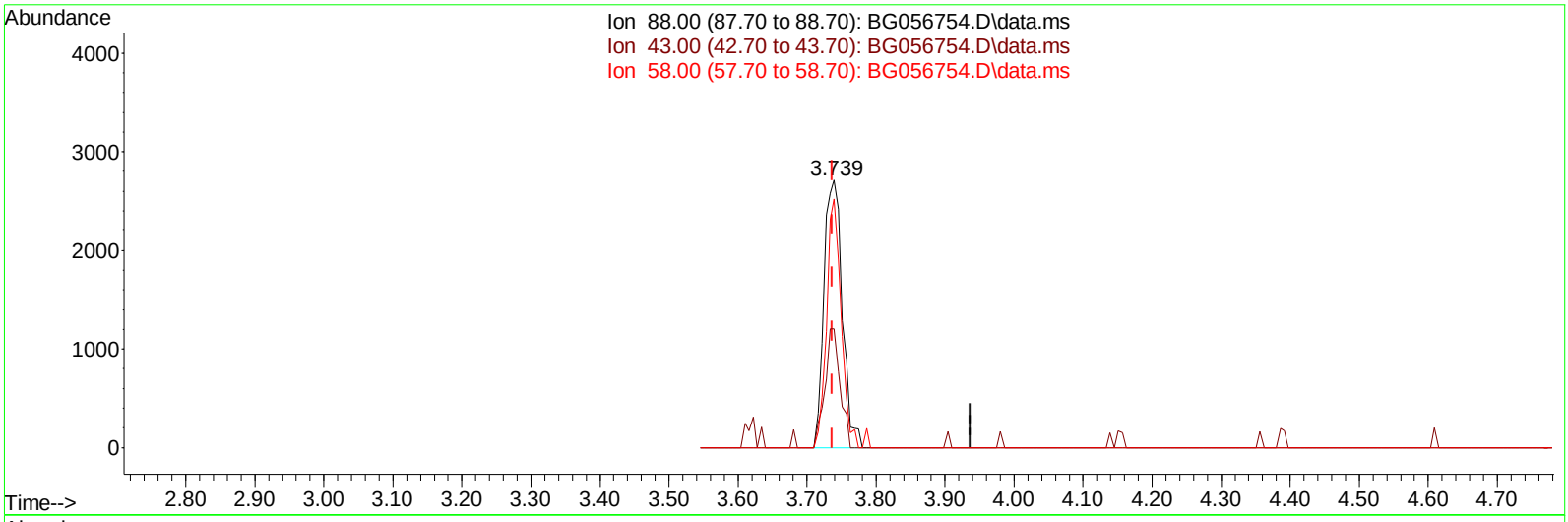

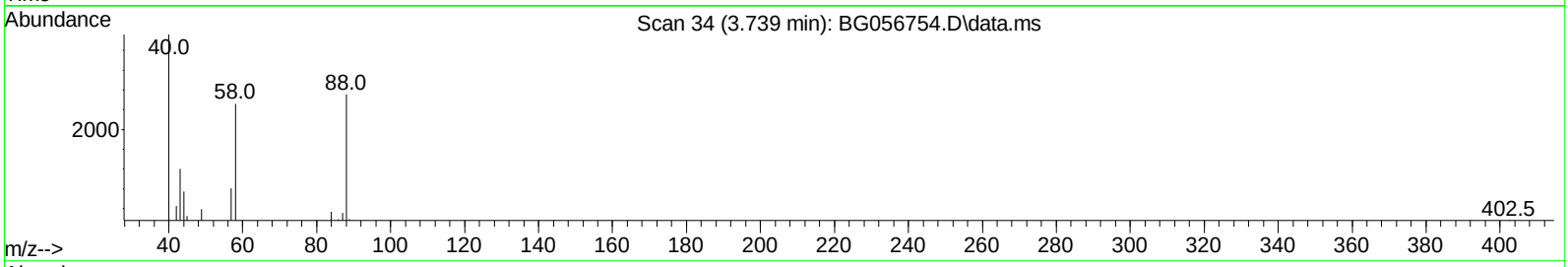

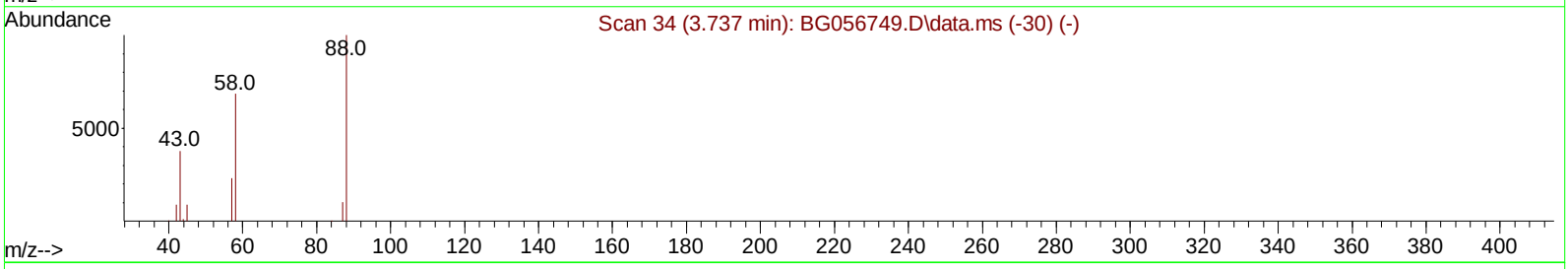

TIC: BG056754.D\data.ms

(2) 1,4-Dioxane

3.739min (+ 0.002) 13.65 ng/uL m

response 5026

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	44.49#
58.00	63.20	93.10#
0.00	0.00	0.00

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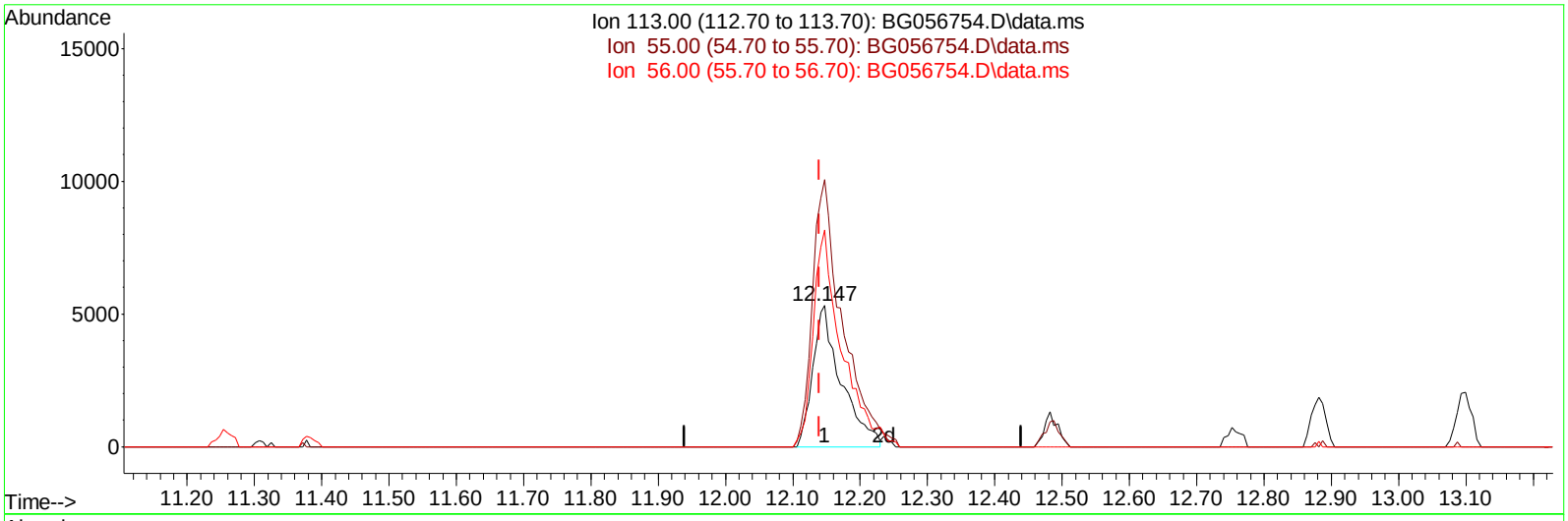

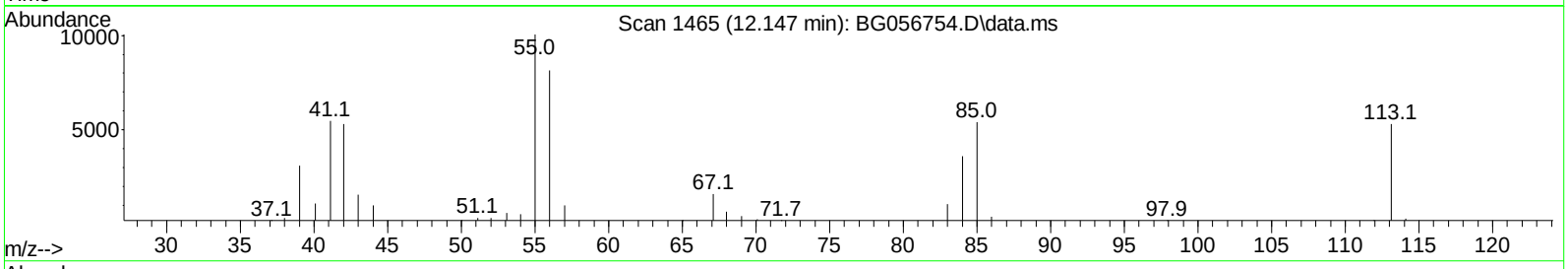

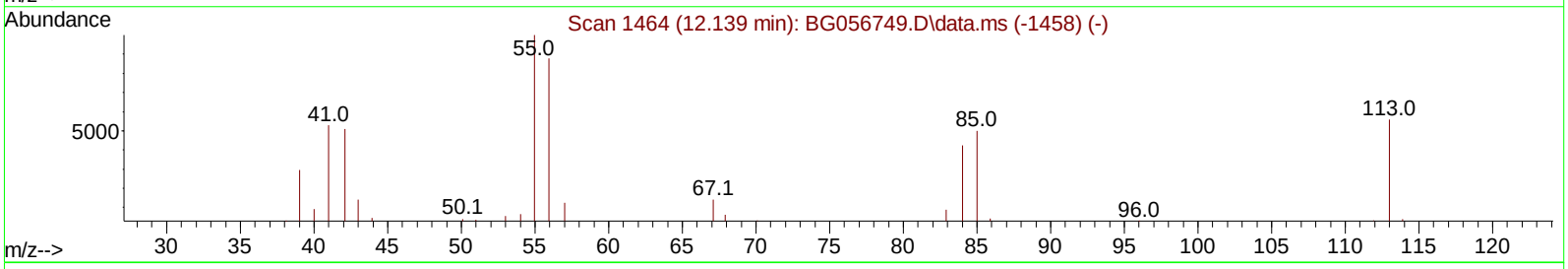

TIC: BG056754.D\data.ms

(34) Caprolactam

12.147min (+ 0.008) 36.04 ng/ul

response 15493

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	189.13
56.00	141.90	153.53
0.00	0.00	0.00

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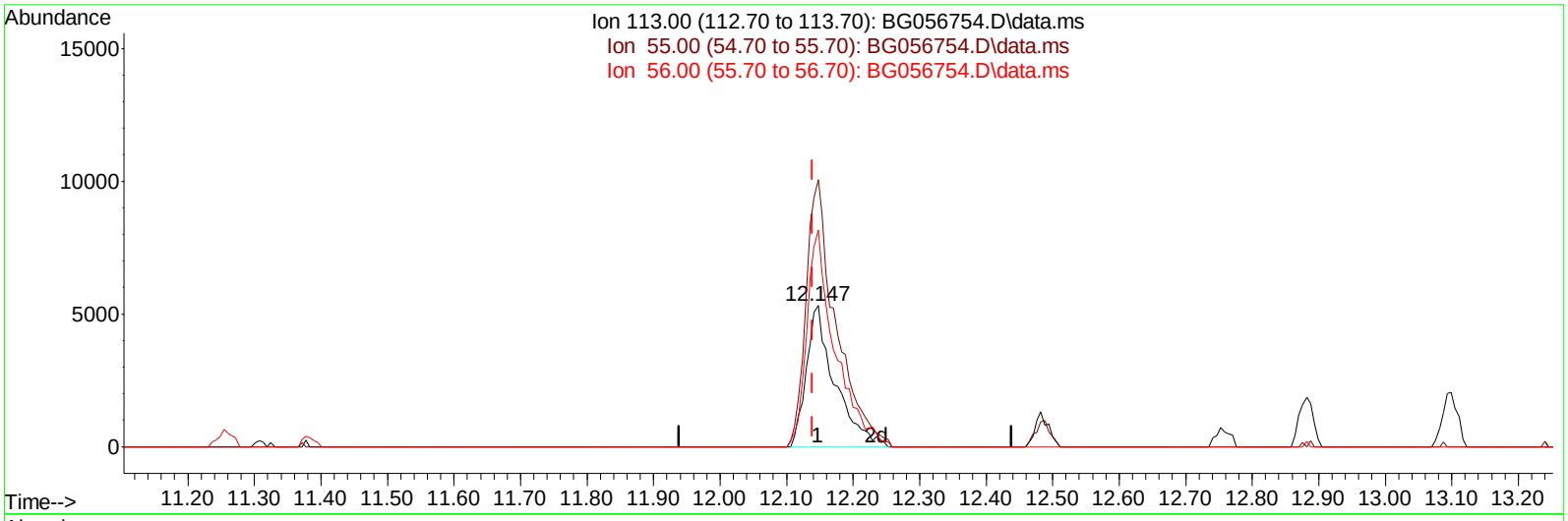

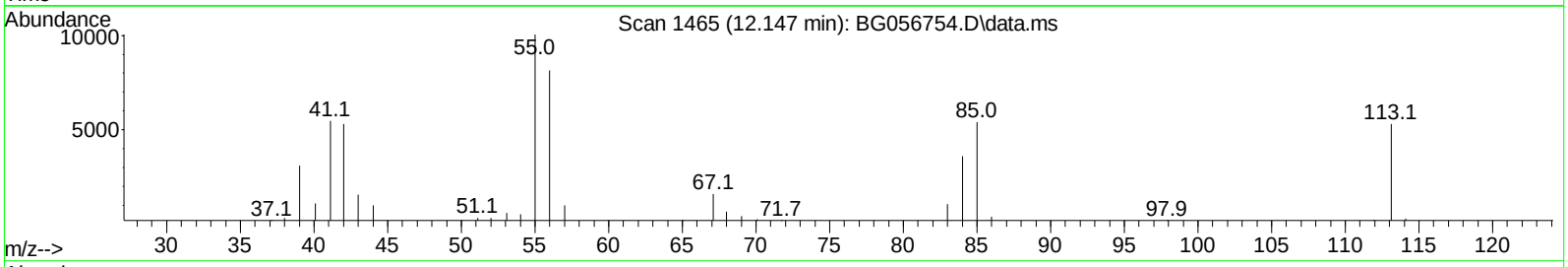

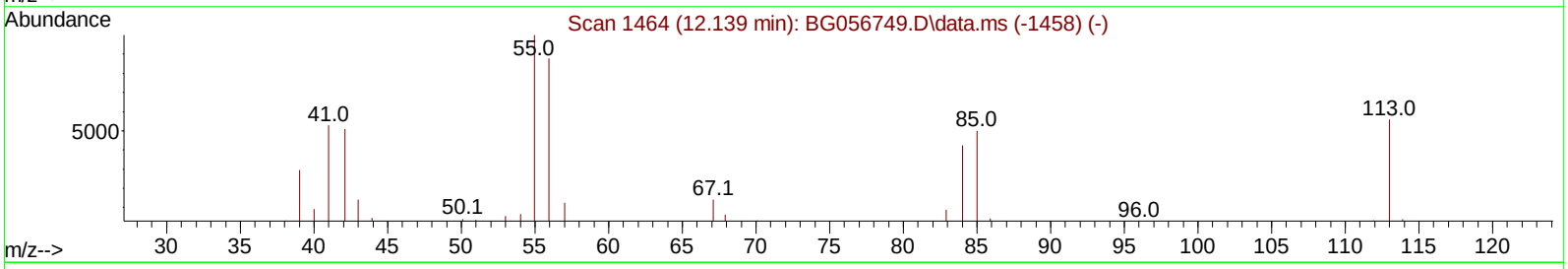

TIC: BG056754.D\data.ms

(34) Caprolactam

12.147min (+ 0.008) 36.70 ng/ul m

response 15776

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	189.13
56.00	141.90	153.53
0.00	0.00	0.00

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Misc :
ALS Vial : 7 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	8.422	152	16568	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.260	136	69484	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.020	164	54661	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.758	188	134802	20.000	ng/ul	0.00
79) Chrysene-d12	22.071	240	123625	20.000	ng/ul	0.00
88) Perylene-d12	25.596	264	134732	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.704	96	1749	5.856	ng/uL	0.00
4) Pyridine-d5	4.133	84	26570	22.040	ng/ul	0.00
7) Phenol-d5	7.541	99	46816	28.237	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.723	67	28673	28.352	ng/ul	0.00
11) 2-Chlorophenol-d4	7.940	132	29963	27.214	ng/ul	0.00
15) 4-Methylphenol-d8	9.110	113	34001	26.840	ng/ul	0.00
21) Nitrobenzene-d5	9.591	128	16808	28.865	ng/ul	0.00
24) 2-Nitrophenol-d4	10.320	143	20584	29.697	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	40281	30.847	ng/ul	0.00
31) 4-Chloroaniline-d4	11.378	131	43518	25.551	ng/ul	0.00
46) Dimethylphthalate-d6	14.409	166	128738	29.191	ng/ul	0.00
49) Acenaphthylene-d8	14.721	160	144985	28.925	ng/ul	0.00
54) 4-Nitrophenol-d4	15.179	143	20968	27.576	ng/ul	0.00
60) Fluorene-d10	16.007	176	119048	29.182	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.107	200	25698	28.494	ng/ul	0.00
73) Anthracene-d10	17.858	188	186964	28.589	ng/ul	0.00
81) Pyrene-d10	20.114	212	224593	26.848	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.349	264	214150	29.447	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.739	88	5026m	13.648	ng/uL	
5) Pyridine	4.157	79	41700	32.662	ng/ul	89
6) Benzaldehyde	7.541	77	35867	41.293	ng/ul	97
8) Phenol	7.570	94	58725	34.725	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.817	93	40972	34.099	ng/ul	97
12) 2-Chlorophenol	7.976	128	37484	34.378	ng/ul	97
13) 2-Methylphenol	8.845	108	43513	34.112	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.939	45	53825	33.336	ng/ul	99
16) Acetophenone	9.245	105	73462	33.863	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.221	70	41033	32.965	ng/ul	93
18) 4-Methylphenol	9.174	108	47123	33.998	ng/ul	90
19) Hexachloroethane	9.521	117	15480	33.387	ng/ul	90
22) Nitrobenzene	9.638	77	60334	35.731	ng/ul	99
23) Isophorone	10.155	82	114356	34.640	ng/ul#	97
25) 2-Nitrophenol	10.355	139	25261	36.920	ng/ul	95
26) 2,4-Dimethylphenol	10.390	107	52903	34.621	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.631	93	59078	35.405	ng/ul#	98
29) 2,4-Dichlorophenol	10.890	162	45680	36.125	ng/ul	97
30) Naphthalene	11.313	128	133090	34.798	ng/ul	97
32) 4-Chloroaniline	11.401	127	47633	28.233	ng/ul	98
33) Hexachlorobutadiene	11.589	225	35956	35.678	ng/ul	91
34) Caprolactam	12.147	113	15776m	36.698	ng/ul	
35) 4-Chloro-3-methylphenol	12.482	107	50976	35.090	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.882	142	97035	35.426	ng/ul	97
37) 1-Methylnaphthalene	13.099	142	99143	36.711	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.240	216	72475	37.397	ng/ul	93
40) Hexachlorocyclopentadiene	13.217	237	43504	31.328	ng/ul	98
41) 2,4,6-Trichlorophenol	13.463	196	45545	35.172	ng/ul	98
42) 2,4,5-Trichlorophenol	13.534	196	51182	36.401	ng/ul	94
43) 1,1'-Biphenyl	13.863	154	141344	35.165	ng/ul	98
44) 2-Chloronaphthalene	13.916	162	116740	35.103	ng/ul	94
45) 2-Nitroaniline	14.104	65	41596	36.034	ng/ul	96
47) Dimethylphthalate	14.456	163	152974	34.108	ng/ul#	99
48) 2,6-Dinitrotoluene	14.580	165	32842	35.722	ng/ul	93
50) Acenaphthylene	14.750	152	175126	34.585	ng/ul	97
51) 3-Nitroaniline	14.909	138	30402	36.948	ng/ul#	94
52) Acenaphthene	15.085	153	120995	34.783	ng/ul	99
53) 2,4-Dinitrophenol	15.114	184	21374	36.290	ng/ul	91
55) 4-Nitrophenol	15.197	109	30115	34.216	ng/ul	100
56) Dibenzofuran	15.414	168	181484	34.369	ng/ul	94
57) 2,4-Dinitrotoluene	15.361	165	46326	35.147	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.631	232	45633	34.875	ng/ul	97
59) Diethylphthalate	15.808	149	153735	34.244	ng/ul	99
61) Fluorene	16.060	166	147363	34.852	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.043	204	88197	35.216	ng/ul	96
63) 4-Nitroaniline	16.066	138	31161	38.760	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.119	198	32049	36.912	ng/ul	99
67) N-Nitrosodiphenylamine	16.254	169	128830	34.368	ng/ul	97
68) 4-Bromophenyl-phenylether	16.936	248	61006	35.711	ng/ul	98
69) Hexachlorobenzene	17.059	284	65079	35.460	ng/ul	100
70) Atrazine	17.183	200	48076	29.530	ng/ul	99
71) Pentachlorophenol	17.400	266	34857	33.448	ng/ul	92
72) Phenanthrene	17.799	178	254097	34.798	ng/ul	99
74) Anthracene	17.893	178	253032	34.290	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.839	216	72311	35.064	ng/uL	96
76) Pentachlorobenzene	15.338	250	73143	34.970	ng/uL	96
77) Carbazole	18.152	167	213715	34.614	ng/ul	98
78) Di-n-butylphthalate	18.681	149	245068	34.439	ng/ul	99
80) Fluoranthene	19.785	202	316436	31.284	ng/ul	97
82) Pyrene	20.144	202	317790	31.891	ng/ul	99
83) Butylbenzylphthalate	21.002	149	107634	34.048	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.942	252	101089	32.614	ng/ul	100
85) Benzo(a)anthracene	22.047	228	316599	35.187	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.906	149	155132	34.933	ng/ul	99
87) Chrysene	22.118	228	291502	34.785	ng/ul	99
89) Di-n-octyl phthalate	23.222	149	262037	35.774	ng/ul	100
90) Benzo(b)fluoranthene	24.462	252	319110	35.380	ng/ul	99
91) Benzo(k)fluoranthene	24.539	252	309202	35.195	ng/ul	99
93) Benzo(a)pyrene	25.426	252	274320	34.600	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.662	276	379689	35.254	ng/ul	98
95) Dibenzo(a,h)anthracene	29.727	278	308719	34.282	ng/ul#	93
96) Benzo(g,h,i)perylene	30.943	276	305059	35.459	ng/ul	94

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

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