Quantitation Report (Qedit)

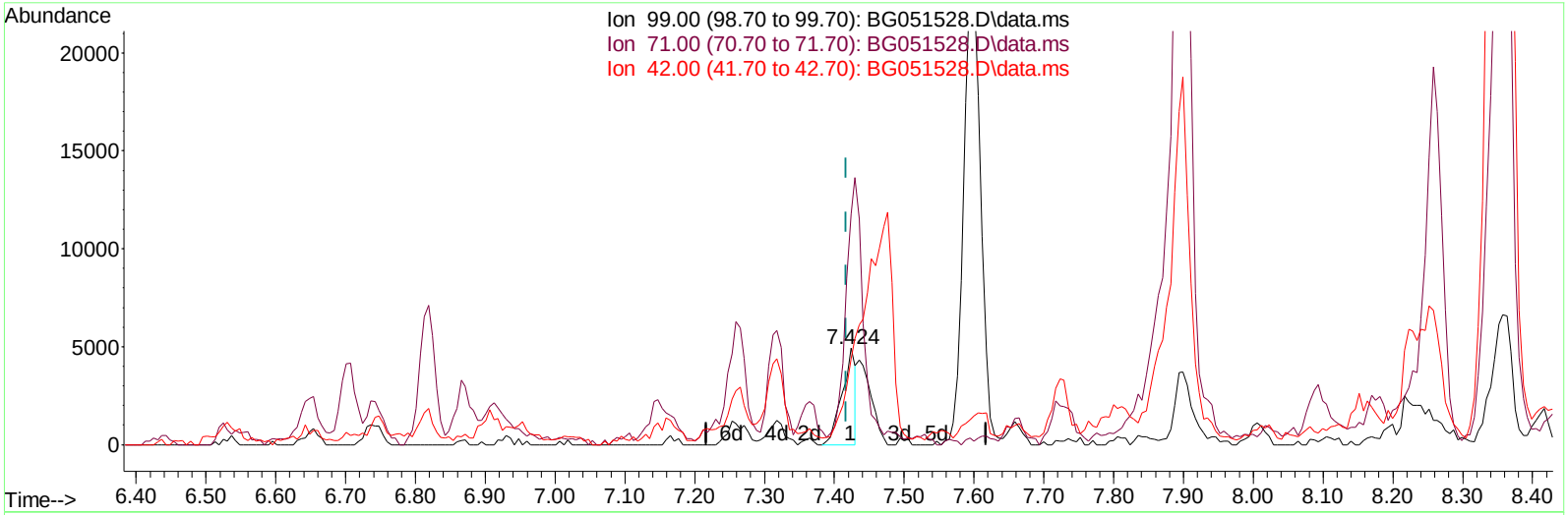
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051528.D
Acq On : 15 Dec 2021 8:07
Operator : CG/JU
Sample : M4943-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

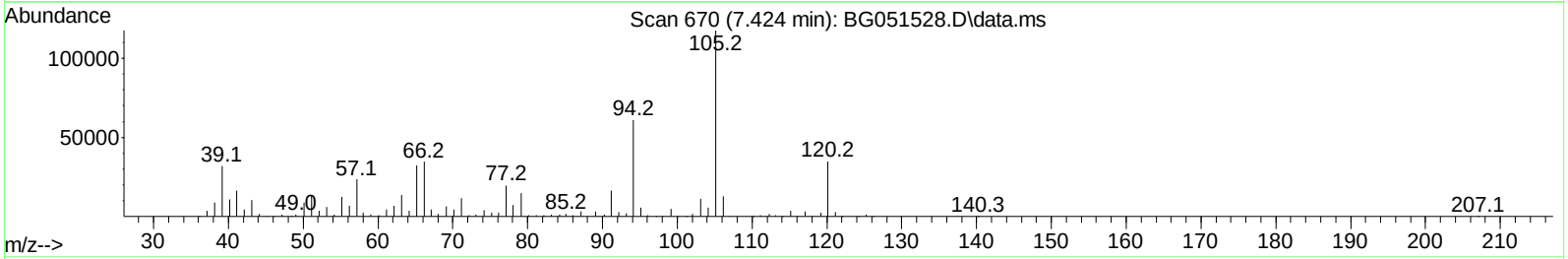
Quant Time: Dec 15 23:22:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

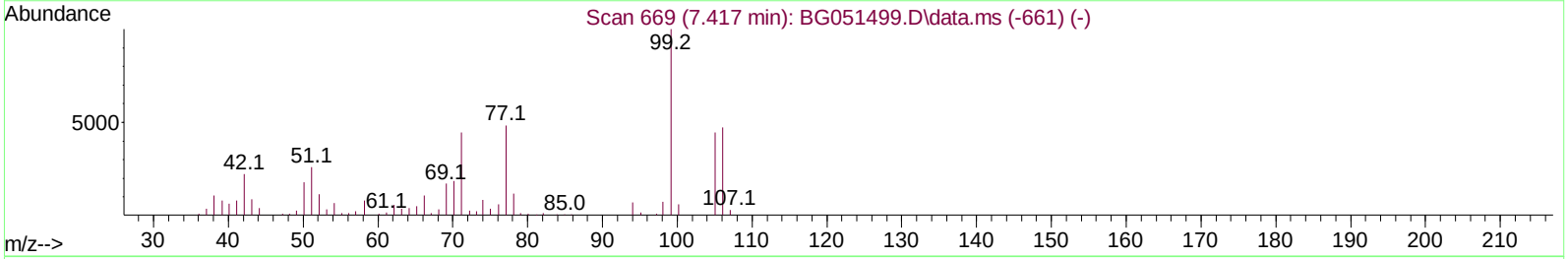
Instrument :
BNA_G
ClientSampleId :
BGKQ1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021







TIC: BG051528.D\data.ms

(7) Phenol-d5 (S)

7.424min (+ 0.006) 2.29 ng/ul

response 6660

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	38.50	239.33#
42.00	22.60	89.15#
0.00	0.00	0.00

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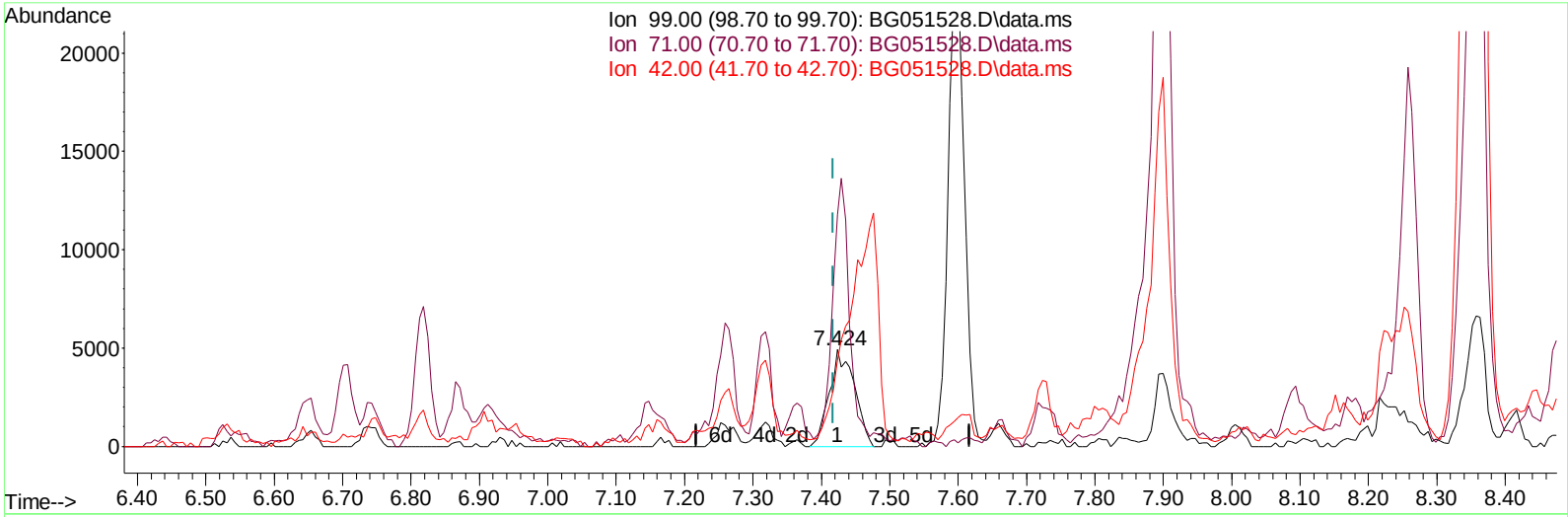

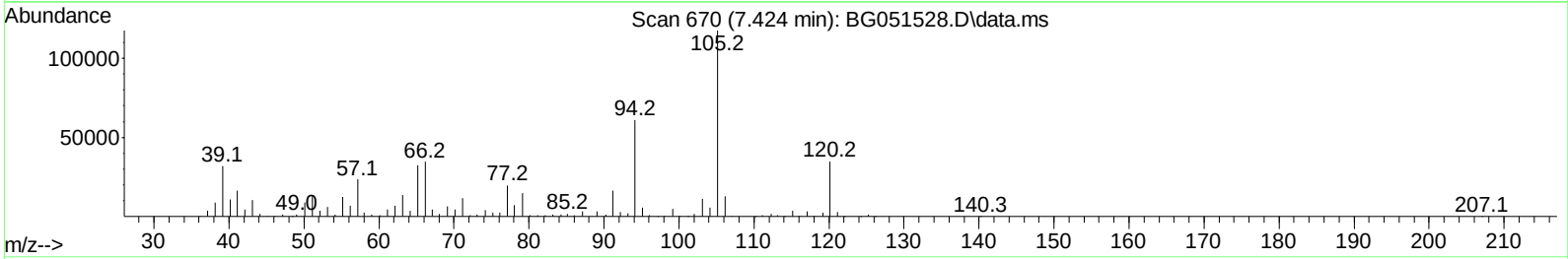

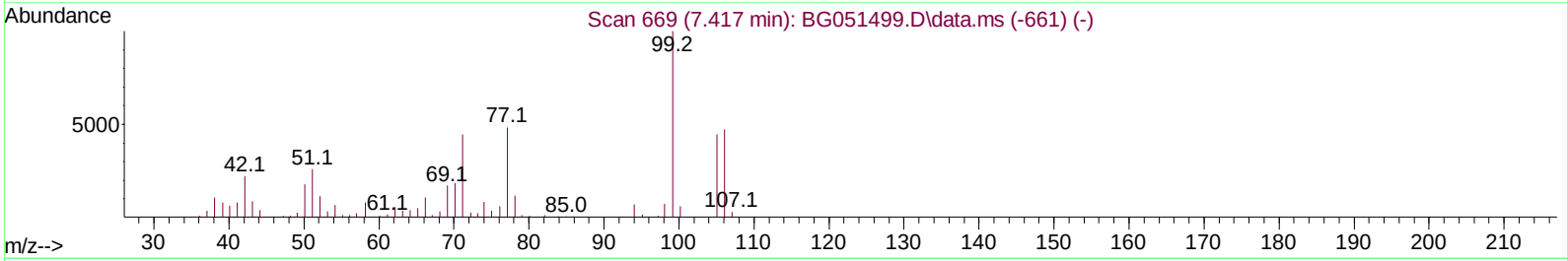

TIC: BG051528.D\data.ms

(7) Phenol-d5 (S)

7.424min (+ 0.006) 4.33 ng/ul m

response 12593

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	38.50	239.33#
42.00	22.60	89.15#
0.00	0.00	0.00

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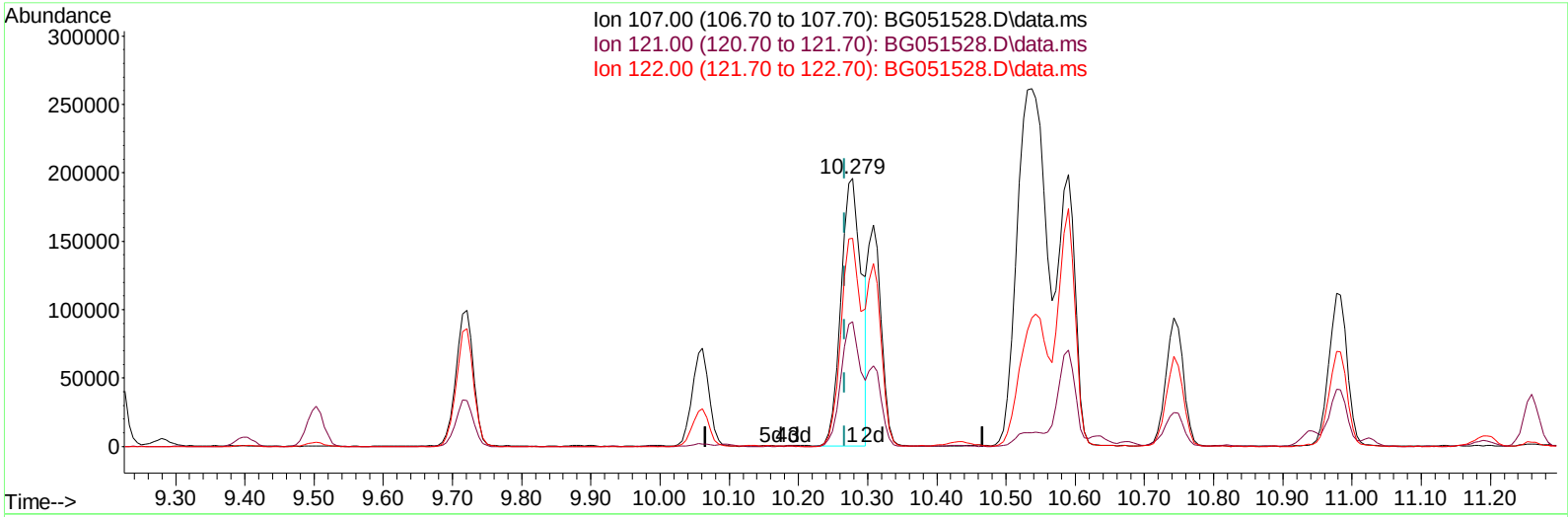

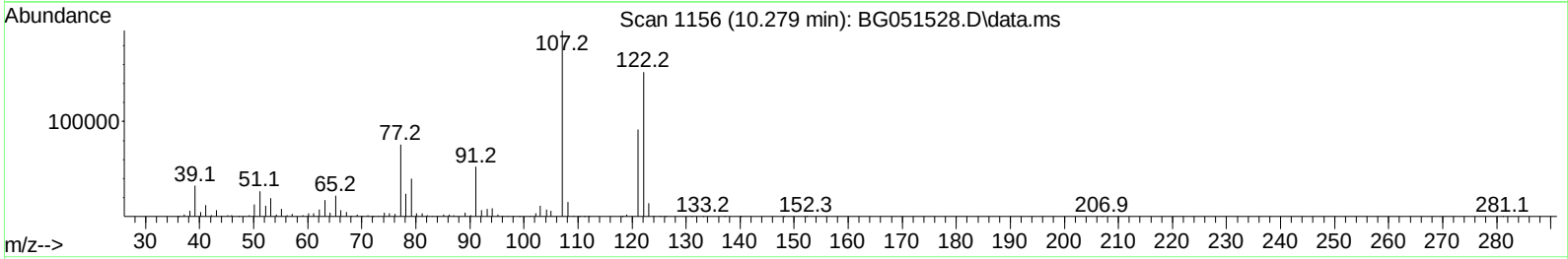

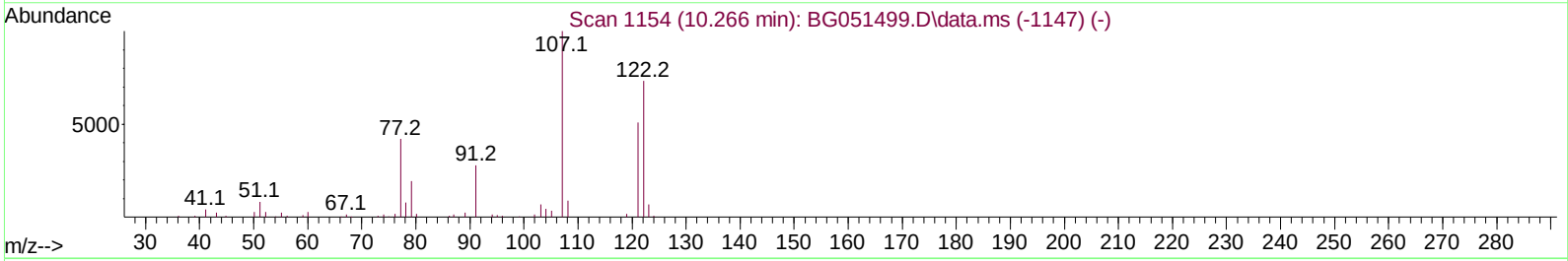

TIC: BG051528.D\data.ms

(26) 2,4-Dimethylphenol

10.279min (+ 0.012) 142.72 ng/ul

response 405177

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	46.68
122.00	79.60	77.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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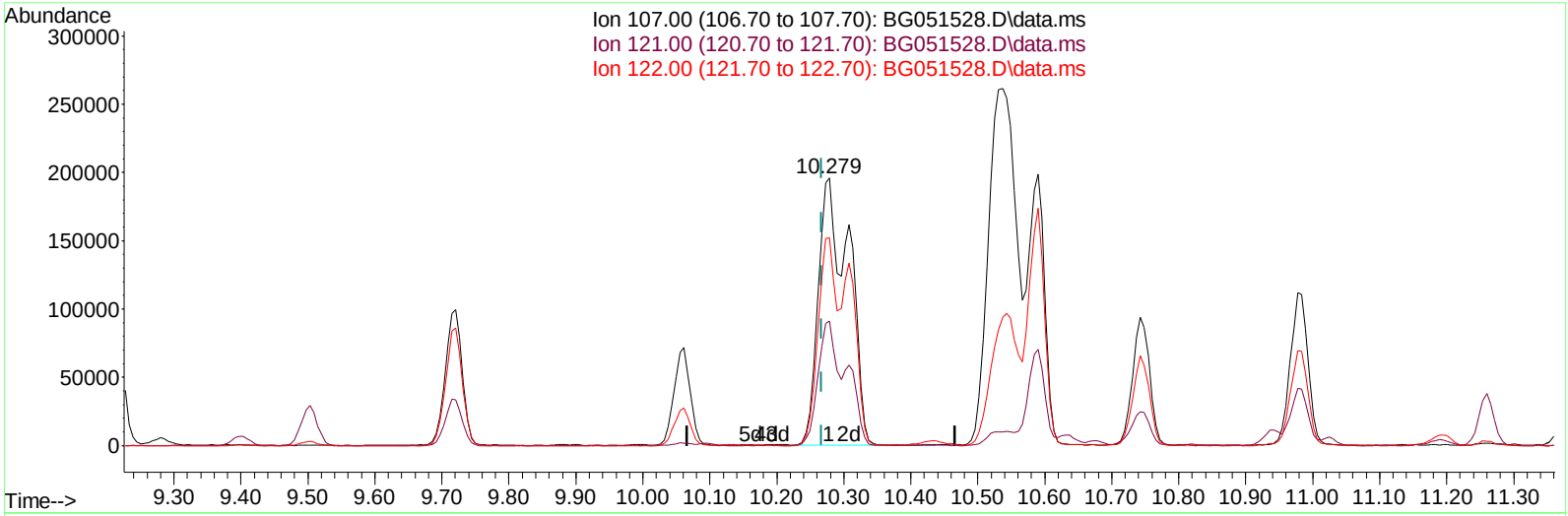

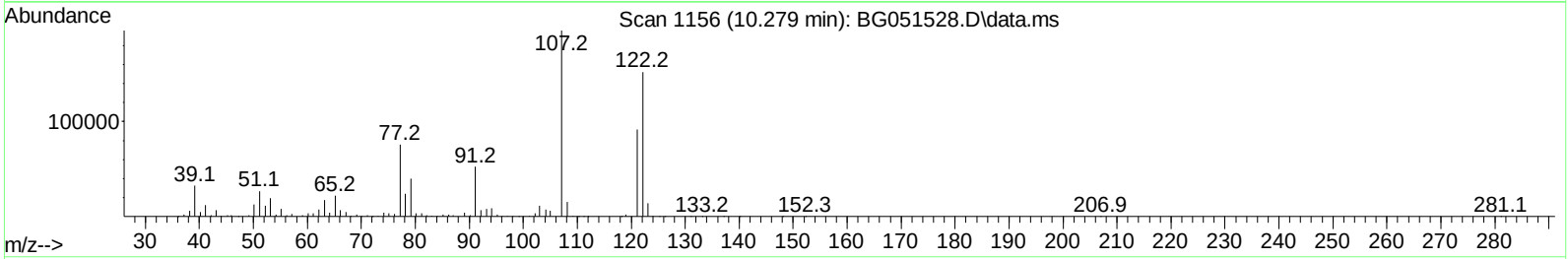

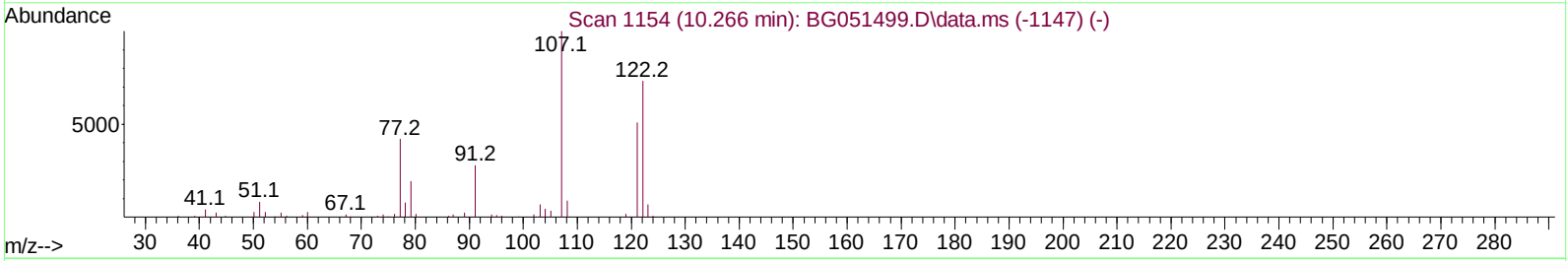

TIC: BG051528.D\data.ms

(26) 2,4-Dimethylphenol

10.279min (+ 0.012) 218.23 ng/ul m

response 619570

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	46.68
122.00	79.60	77.71
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	8.281	152	32583	20.000	ng/ul	0.00
20) Naphthalene-d8	11.130	136	137542	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.919	164	109018	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.663	188	238136	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	245365	20.000	ng/ul	# 0.00
88) Perylene-d12	25.481	264	258132	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	2780	3.543	ng/uL	0.00
4) Pyridine-d5	4.040	84	15772	6.653	ng/ul	0.00
7) Phenol-d5	7.424	99	12593m	4.329	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.594	67	46767	27.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	23956	11.840	ng/ul	0.00
15) 4-Methylphenol-d8	8.992	113	26523	11.794	ng/ul	0.01
21) Nitrobenzene-d5	9.456	128	25410	25.198	ng/ul	0.00
24) 2-Nitrophenol-d4	10.185	143	16813	15.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.731	165	37887	15.849	ng/ul	0.00
31) 4-Chloroaniline-d4	11.248	131	65097	20.683	ng/ul	0.00
46) Dimethylphthalate-d6	14.308	166	217835	24.965	ng/ul	0.00
49) Acenaphthylene-d8	14.614	160	272909	25.183	ng/ul	0.00
54) 4-Nitrophenol-d4	15.078	143	6440	4.538	ng/ul	0.00
60) Fluorene-d10	15.900	176	193059	24.695	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	4431	3.571	ng/ul	0.00
73) Anthracene-d10	17.763	188	311152	27.391	ng/ul	0.00
81) Pyrene-d10	20.036	212	355530	24.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.241	264	342328	25.205	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.471	94	2057562	711.272	ng/ul#	81
13) 2-Methylphenol	8.734	108	780532	357.611	ng/ul	97
16) Acetophenone	9.127	105	124793	35.328	ng/ul	95
18) 4-Methylphenol	9.063	108	548996	238.649	ng/ul	91
26) 2,4-Dimethylphenol	10.279	107	619570m	218.233	ng/ul	
30) Naphthalene	11.195	128	4209555	568.082	ng/ul#	85
32) 4-Chloroaniline	11.277	127	405203	126.077	ng/ul	98
36) 2-Methylnaphthalene	12.769	142	719518	136.105	ng/ul	100
37) 1-Methylnaphthalene	12.981	142	357639	65.155	ng/ul	96
43) 1,1'-Biphenyl	13.750	154	107272	12.846	ng/ul	97
47) Dimethylphthalate	14.355	163	89990	10.623	ng/ul#	96
52) Acenaphthene	14.978	153	53141	7.587	ng/ul	94
56) Dibenzofuran	15.307	168	84417	8.183	ng/ul	98
59) Diethylphthalate	15.718	149	948185	107.446	ng/ul	94
61) Fluorene	15.959	166	41939	4.934	ng/ul	98
67) N-Nitrosodiphenylamine	16.159	169	72411	11.305	ng/ul	89
72) Phenanthrene	17.704	178	59204	4.834	ng/ul#	96
77) Carbazole	18.056	167	14078	1.271	ng/ul#	78
78) Di-n-butylphthalate	18.608	149	180361	13.526	ng/ul	98
83) Butylbenzylphthalate	20.964	149	2575768	457.863	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.880	149	4479851	568.507	ng/ul#	69
89) Di-n-octyl phthalate	23.185	149	717603	51.613	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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