Quantitation Report (Qedit)

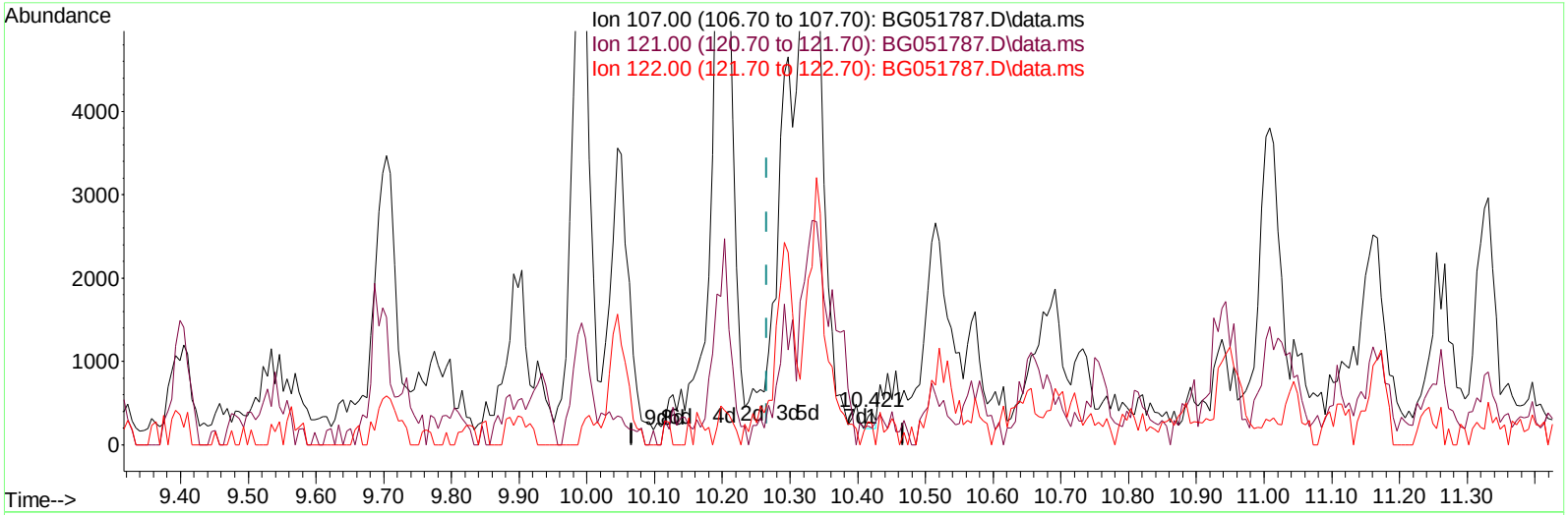
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051787.D
Acq On : 23 Dec 2021 16:23
Operator : CG/JU
Sample : M5215-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

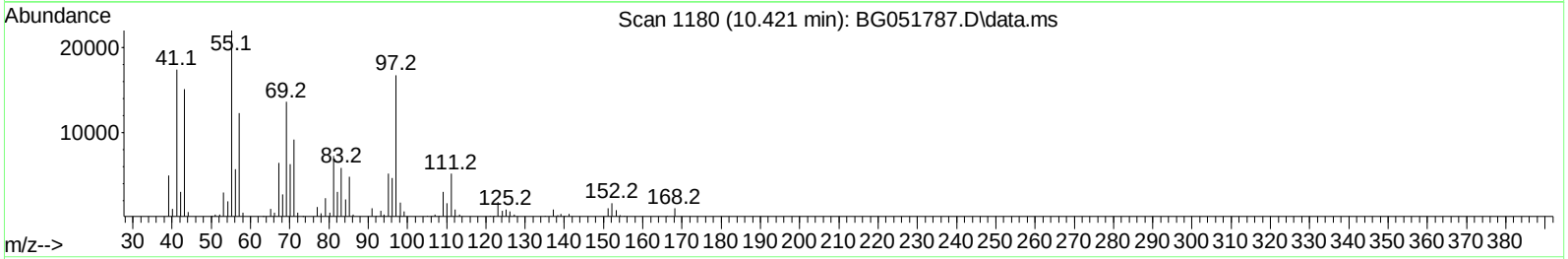
Quant Time: Dec 24 00:12:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

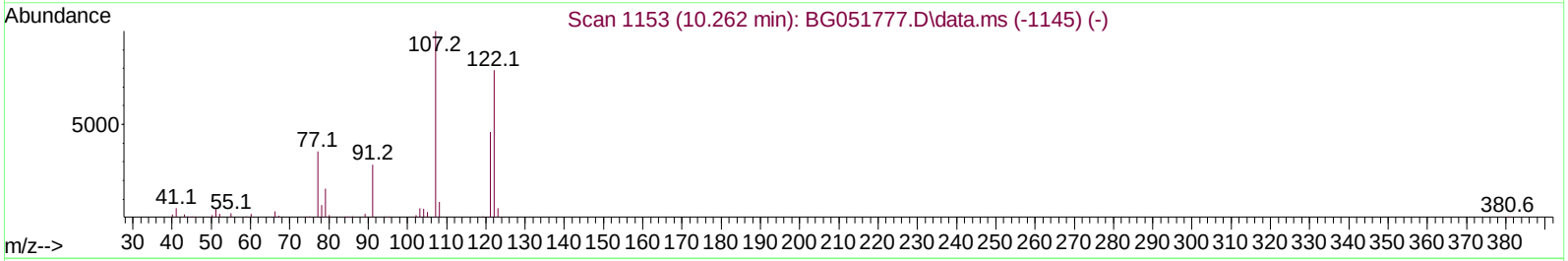
Instrument :
BNA_G
ClientSampleId :
BGLD4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021







TIC: BG051787.D\data.ms

(26) 2,4-Dimethylphenol

10.421min (+ 0.155) 0.06 ng/ul

response 150

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	51.15
122.00	79.60	64.71
0.00	0.00	0.00

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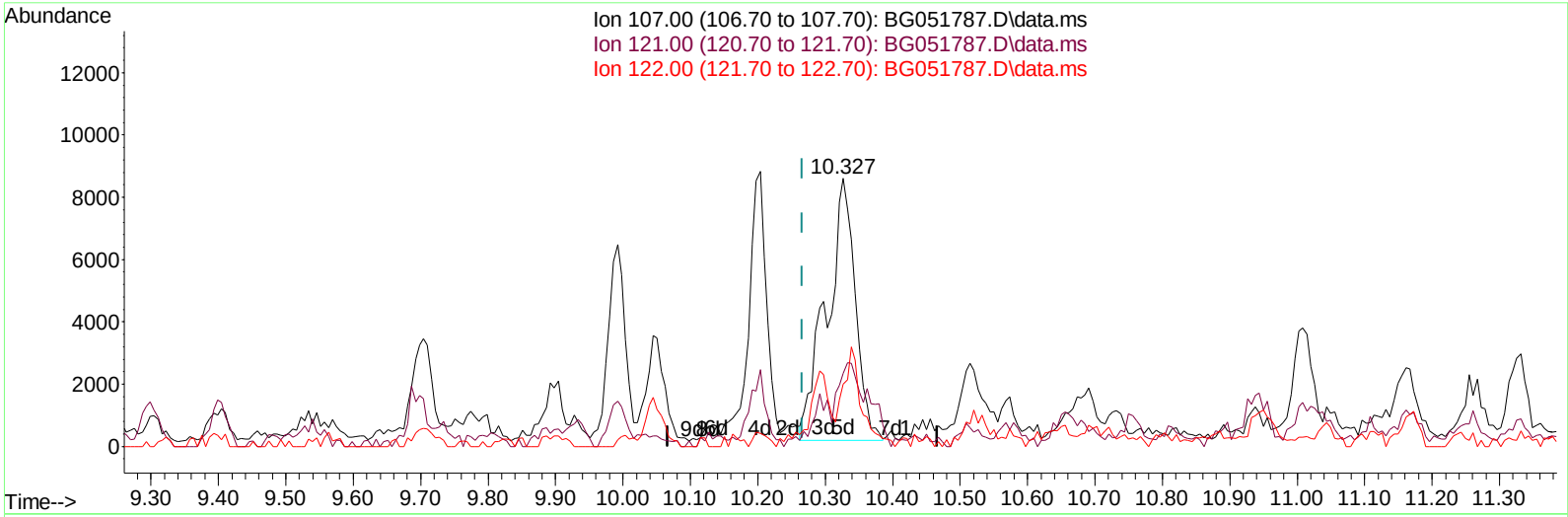

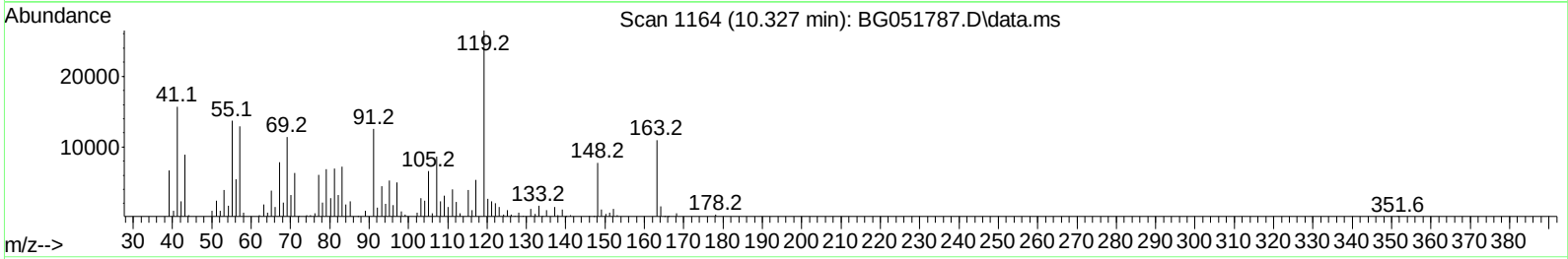

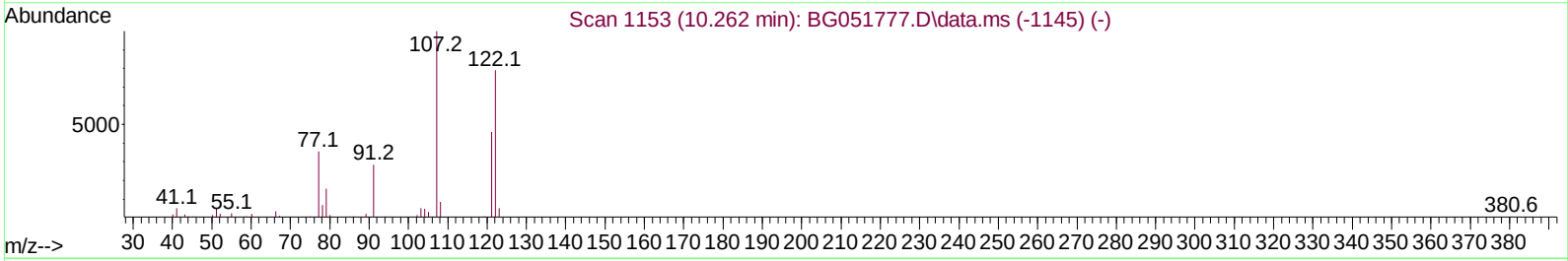

TIC: BG051787.D\data.ms

(26) 2,4-Dimethylphenol

10.327min (+ 0.061) 10.05 ng/ul m

response 24851

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	27.27#
122.00	79.60	23.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

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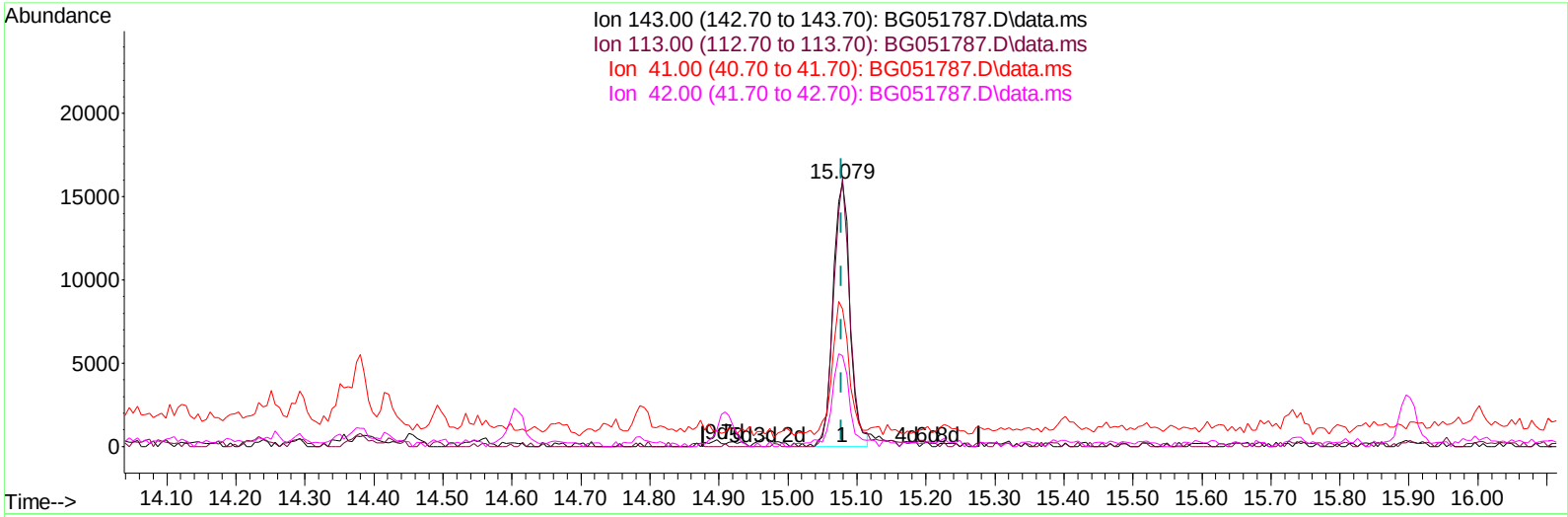

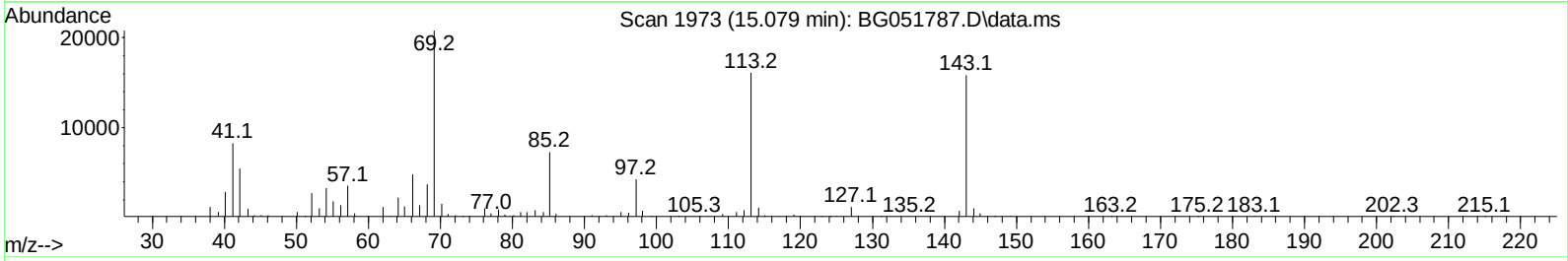

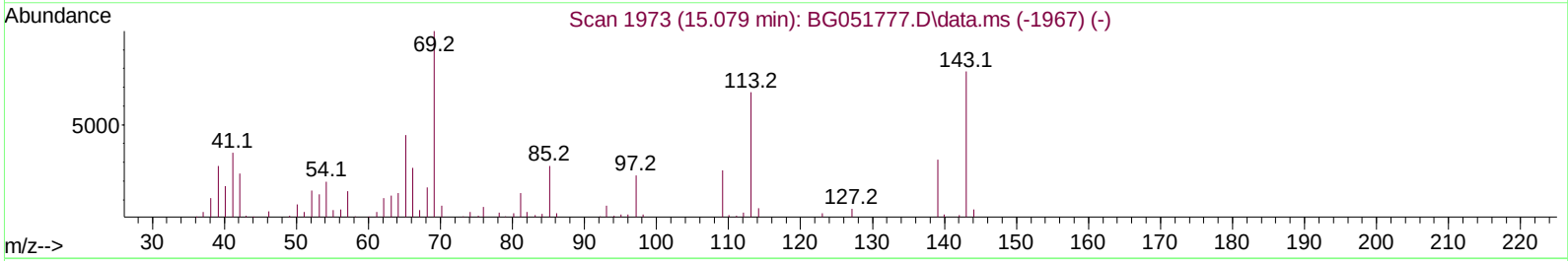

TIC: BG051787.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.079min (+ 0.002) 24.76 ng/ul

response 26833

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	101.65#
41.00	44.40	52.22
42.00	29.70	34.48

Quantitation Report (Qedit)

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ClientSampleId :
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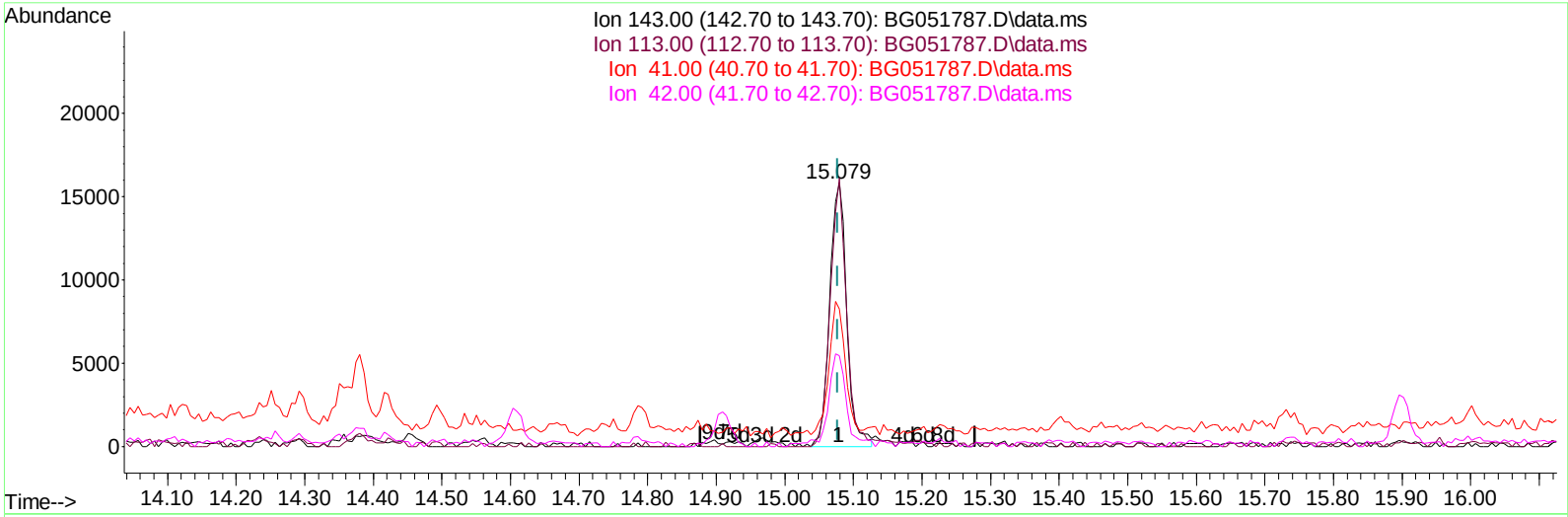

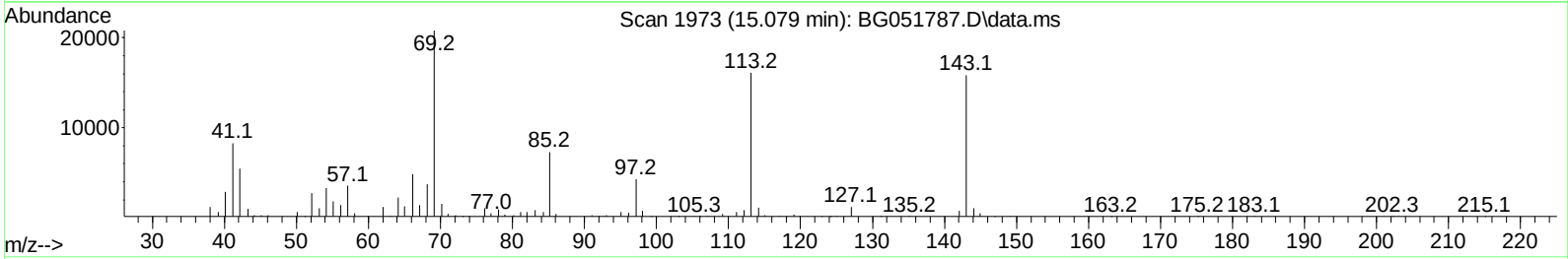

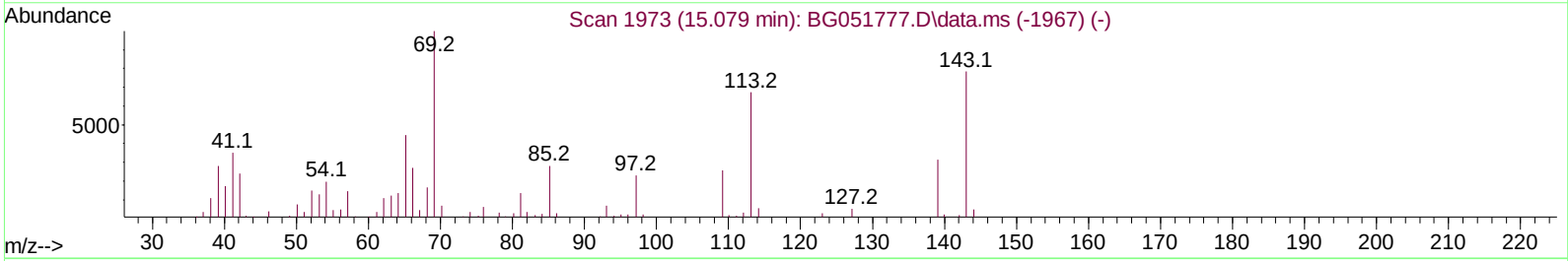

TIC: BG051787.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.079min (+ 0.002) 25.16 ng/ul m

response 27268

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	101.65#
41.00	44.40	52.22
42.00	29.70	34.48

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	28483	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.120	136	119769	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.909	164	83256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.658	188	171251	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.976	240	150895	20.000	ng/ul	# 0.00
88) Perylene-d12	25.477	264	161864	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.601	96	3075	4.484	ng/uL	0.00
4) Pyridine-d5	4.030	84	23472	11.327	ng/ul	-0.02
7) Phenol-d5	7.407	99	73740	28.995	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.578	67	70377	46.550	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.807	132	51602	29.174	ng/ul	0.00
15) 4-Methylphenol-d8	8.970	113	89850	45.706	ng/ul	0.00
21) Nitrobenzene-d5	9.452	128	20802	23.690	ng/ul	0.00
24) 2-Nitrophenol-d4	10.180	143	28836	30.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.726	165	57507	27.626	ng/ul	0.00
31) 4-Chloroaniline-d4	11.237	131	93798	34.224	ng/ul	0.00
46) Dimethylphthalate-d6	14.298	166	179428	26.926	ng/ul	-0.02
49) Acenaphthylene-d8	14.609	160	235656	28.474	ng/ul	0.00
54) 4-Nitrophenol-d4	15.079	143	27268m	25.163	ng/ul	0.00
60) Fluorene-d10	15.902	176	165121	27.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.002	200	17786	19.934	ng/ul	0.00
73) Anthracene-d10	17.758	188	235683	28.850	ng/ul	0.00
81) Pyrene-d10	20.031	212	251478	27.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.242	264	246450	28.937	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.443	94	5234	2.070	ng/ul#	8
26) 2,4-Dimethylphenol	10.327	107	24851m	10.052	ng/ul	
30) Naphthalene	11.173	128	396056	61.379	ng/ul	98
36) 2-Methylnaphthalene	12.759	142	140794	30.585	ng/ul	98
37) 1-Methylnaphthalene	12.976	142	70966	14.847	ng/ul#	92
43) 1,1'-Biphenyl	13.746	154	19006	2.980	ng/ul#	85
78) Di-n-butylphthalate	18.598	149	11443	1.193	ng/ul#	95
83) Butylbenzylphthalate	20.930	149	12791	3.697	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.841	149	54702	11.288	ng/ul#	94

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

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