Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121917\
Data File : BM013515.D
Acq On : 19 Dec 2017 16:29
Operator : SJ/JU
Sample : I6778-14MEDL 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79MEDL

Manual Integrations APPROVED
Sohil
12/20/2017 3:49:39 PM

Quant Time: Dec 20 05:00:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	160260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	704534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	416777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	910401	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	803837	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	713093	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	477	0.15	ng/uL	0.00
5) Phenol-d5	6.86	99	4778	0.34	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	3269	0.41	ng/ul	0.01
9) 2-Chlorophenol-d4	7.21	132	3185	0.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	4073m	0.34	ng/ul	0.01
19) Nitrobenzene-d5	8.84	128	2433m	0.44	ng/ul	0.01
22) 2-Nitrophenol-d4	9.56	143	1770	0.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.11	165	4081m	0.33	ng/ul	0.04
29) 4-Chloroaniline-d4	10.62	131	4286	0.38	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	15576	0.42	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	18640	0.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	149	0.02	ng/ul	0.05
57) Fluorene-d10	15.32	176	16822	0.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.16	188	25881	0.57	ng/ul	0.00
76) Pyrene-d10	19.46	212	22546	0.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	17070	0.47	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	1828191	50.436	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	368141	13.511	ng/ul	96
40) 1,1'-Biphenyl	13.14	154	103478	2.938	ng/ul#	97
47) Acenaphthylene	14.03	152	43784	1.034	ng/ul#	90
49) Acenaphthene	14.38	153	380358	13.183	ng/ul	98
53) Dibenzofuran	14.72	168	413653	9.712	ng/ul	98
58) Fluorene	15.37	166	462574	13.128	ng/ul	96
69) Phenanthrene	17.11	178	2032222	39.292	ng/ul	98
71) Anthracene	17.20	178	281522	5.325	ng/ul	99
72) Carbazole	17.47	167	111275	2.447	ng/ul	96
74) Fluoranthene	19.13	202	921807	14.543	ng/ul#	94
77) Pyrene	19.49	202	600137	12.289	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	157373	3.086	ng/ul	97
82) Chrysene	21.29	228	135232	2.858	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	91834m	1.910	ng/ul	
88) Benzo(a)pyrene	23.38	252	57218m	1.325	ng/ul	

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

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