Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (QT Reviewed)

Data File : BM013464.D
Acq On : 16 Dec 2017 06:26
Operator : SJ/JU
Sample : I6775-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 18 00:50:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	275208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1215655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	713964	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1517698	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1142596	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	961509	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15619	2.81	ng/uL	0.00
5) Phenol-d5	6.85	99	361237	15.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	229390	16.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	305916	16.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	297859	14.64	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	167965	17.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	182720	17.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	322384	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	358585	18.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1118321	17.60	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1302491	16.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	126985	11.50	ng/ul	0.00
57) Fluorene-d10	15.32	176	900036	16.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	120580	12.63	ng/ul	0.00
70) Anthracene-d10	17.16	188	1323914	17.42	ng/ul	0.00
76) Pyrene-d10	19.46	212	1267844	22.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	828722	16.92	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	54858	2.33	ng/ul#	84
40) 1,1'-Biphenyl	13.15	154	145418	2.41	ng/ul	94
44) Dimethylphthalate	13.78	163	221811	3.65	ng/ul	98
47) Acenaphthylene	14.03	152	112384	1.55	ng/ul#	91
49) Acenaphthene	14.38	153	787037	15.92	ng/ul	97
53) Dibenzofuran	14.72	168	695588	9.53	ng/ul	98
58) Fluorene	15.37	166	493526	8.18	ng/ul	96
68) Pentachlorophenol	16.72	266	37704	3.31	ng/ul	96
69) Phenanthrene	17.11	178	1917254	22.24	ng/ul	99
71) Anthracene	17.20	178	585427	6.64	ng/ul	99
74) Fluoranthene	19.13	202	2103655	19.91	ng/ul#	90
77) Pyrene	19.49	202	1491998	21.49	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	478141	6.60	ng/ul	99
82) Chrysene	21.29	228	543871	8.09	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	759729	11.72	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	212520m	3.48	ng/ul	
88) Benzo(a)pyrene	23.38	252	304389	5.23	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.70	276	242019	4.19	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.70	278	67445m	1.37	ng/ul	
91) Benzo(g,h,i)perylene	26.39	276	181270	3.98	ng/ul#	95

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

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