Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013503.D
Acq On : 18 Dec 2017 17:48
Operator : SJ/JU
Sample : I6778-13MEDL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 19 02:57:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	204248	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	896529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	523557	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1122944	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	934439	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	794315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	245	0.06	ng/uL	0.00
5) Phenol-d5	6.86	99	18564	1.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	12468	1.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	16073	1.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	17365	1.15	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	8826	1.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	8360	1.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	15276	0.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	27321	1.90	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	62829	1.35	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	77648	1.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	7237m	0.89	ng/ul	0.03
57) Fluorene-d10	15.31	176	56986	1.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	3680	0.52	ng/ul	0.02
70) Anthracene-d10	17.16	188	91571	1.63	ng/ul	0.00
76) Pyrene-d10	19.46	212	84208	1.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	59143	1.46	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	6625694	143.645	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1358297	39.174	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	370663	8.377	ng/ul	98
47) Acenaphthylene	14.03	152	195193	3.669	ng/ul#	95
49) Acenaphthene	14.38	153	1369870	37.796	ng/ul	98
53) Dibenzofuran	14.72	168	1500384	28.041	ng/ul	100
58) Fluorene	15.37	166	1696674	38.331	ng/ul	98
69) Phenanthrene	17.12	178	7385783	115.771	ng/ul	99
71) Anthracene	17.20	178	1041755	15.975	ng/ul	98
72) Carbazole	17.47	167	452720	8.071	ng/ul	97
74) Fluoranthene	19.13	202	3330442	42.599	ng/ul#	93
77) Pyrene	19.49	202	2202161	38.791	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	554802	9.358	ng/ul	98
82) Chrysene	21.30	228	472611	8.592	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	331506	6.191	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	109725m	2.178	ng/ul	
88) Benzo(a)pyrene	23.38	252	230812	4.799	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	98711	2.068	ng/ul#	89
91) Benzo(g,h,i)perylene	26.40	276	76689	2.037	ng/ul	96

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

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