Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020401.D
Acq On : 22 Dec 2015 6:49
Operator : UM/SJ
Sample : G4848-05DL 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N51DL

Quant Time: Dec 22 13:30:39 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	77505	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	55917	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	122230	20.00	ng/ul	0.01
78) Chrysene-d12	21.75	240	154480	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	139818	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.26	99	796	0.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	615	0.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	732	0.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	771	0.56	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	537	0.89	ng/ul	0.01
22) 2-Nitrophenol-d4	10.00	143	64	0.10	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.54	165	977	0.72	ng/ul	0.01
29) 4-Chloroaniline-d4	11.05	131	2552	1.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	4989	1.10	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	4280	0.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	482	0.59	ng/ul	0.00
58) Fluorene-d10	15.72	176	4622	1.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.59	188	5683m	1.01	ng/ul	0.02
79) Pyrene-d10	19.86	212	7397	1.03	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.79	264	6814	0.98	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.87	108	2724	1.86	ng/ul	89
24) 2,4-Dimethylphenol	10.08	107	5871m	3.59	ng/ul	
28) Naphthalene	10.99	128	2851650	704.56	ng/ul#	84
34) 2-Methylnaphthalene	12.57	142	1059329	342.65	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	408362	96.80	ng/ul	97
48) Acenaphthylene	14.45	152	98463	17.61	ng/ul#	93
50) Acenaphthene	14.81	153	1605032	426.70	ng/ul	94
54) Dibenzofuran	15.14	168	1600040	285.95	ng/ul	89
59) Fluorene	15.79	166	1563977	348.06	ng/ul#	98
70) Phenanthrene	17.56	178	4580722m	685.14	ng/ul	
72) Anthracene	17.62	178	617897	91.12	ng/ul	97
75) Carbazole	17.87	167	352747	61.91	ng/ul	99
77) Fluoranthene	19.54	202	3223794m	412.58	ng/ul	
80) Pyrene	19.90	202	2509772	268.43	ng/ul#	88
83) Benzo(a)anthracene	21.73	228	774321	85.90	ng/ul	96
85) Chrysene	21.80	228	649186	76.47	ng/ul	96
88) Benzo(b)fluoranthene	23.98	252	353013	41.95	ng/ul	98
89) Benzo(k)fluoranthene	24.04	252	144545m	17.90	ng/ul	
91) Benzo(a)pyrene	24.87	252	186504	23.38	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.75	276	36053	3.80	ng/ul#	90
94) Benzo(g,h,i)perylene	29.91	276	28235m	3.63	ng/ul	

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

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