Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020403.D
Acq On : 22 Dec 2015 8:07
Operator : UM/SJ
Sample : G4848-08DL 30X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N54DL

Quant Time: Dec 22 13:50:30 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	17084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	73459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	50719	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	123752	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	160214	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	131494	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	7.25	99	592	0.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	483	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	471	0.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	646	0.50	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	64	0.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	87	0.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	774	0.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	826	0.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	3382	0.82	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3787	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	114	0.15	ng/ul	0.00
58) Fluorene-d10	15.71	176	3483	0.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	5691	1.00	ng/ul	0.00
79) Pyrene-d10	19.85	212	6193	0.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	5328	0.81	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.97	128	970042	252.87	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	316506	108.01	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	106340	27.79	ng/ul	98
48) Acenaphthylene	14.45	152	24215	4.78	ng/ul#	95
50) Acenaphthene	14.79	153	467540	137.03	ng/ul	99
54) Dibenzofuran	15.12	168	466678	91.95	ng/ul	98
59) Fluorene	15.77	166	449473	110.28	ng/ul	99
70) Phenanthrene	17.53	178	1737014m	256.61	ng/ul	
72) Anthracene	17.60	178	162815	23.71	ng/ul	99
75) Carbazole	17.87	167	86923	15.07	ng/ul	99
77) Fluoranthene	19.52	202	1126574	142.41	ng/ul	99
80) Pyrene	19.88	202	769194	79.32	ng/ul	99
83) Benzo(a)anthracene	21.72	228	191095	20.44	ng/ul	98
85) Chrysene	21.79	228	161538	18.35	ng/ul	95
88) Benzo(b)fluoranthene	23.97	252	80322	10.15	ng/ul#	92
89) Benzo(k)fluoranthene	24.03	252	31625m	4.16	ng/ul	
91) Benzo(a)pyrene	24.85	252	37848	5.04	ng/ul	95

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

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