Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023673.D
Acq On : 13 Aug 2016 2:00
Operator : UM/SJ
Sample : H4385-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P003-SS001-0206-01

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8/15/2016 6:50:14 PM

Quant Time: Aug 15 18:10:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	107907	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	499408	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	348061	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	770394	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	757493	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	779862	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	8718	3.43	ng/uL	-0.01
5) Phenol-d5	7.27	99	227081	20.89	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	151533	21.76	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	161947	21.84	ng/ul	-0.02
13) 4-Methylphenol-d8	8.82	113	179261	21.12	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	91197	23.17	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	108406	23.98	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	186359	21.85	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	220537	22.04	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	655852	23.01	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	771541	24.06	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	85789	17.63	ng/ul	-0.01
57) Fluorene-d10	15.79	176	596341	22.65	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	86511	17.50	ng/ul	-0.02
70) Anthracene-d10	17.65	188	864800	24.92	ng/ul	-0.01
76) Pyrene-d10	19.95	212	888944	23.18	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.06	264	873180	24.74	ng/ul	-0.03
Target Compounds						Qvalue
28) Naphthalene	11.00	128	39785	1.57	ng/ul	98
34) 2-Methylnaphthalene	12.61	142	87662	4.26	ng/ul	95
44) Dimethylphthalate	14.23	163	420241	14.89	ng/ul	98
47) Acenaphthylene	14.51	152	131151	3.91	ng/ul#	92
49) Acenaphthene	14.85	153	73981	3.24	ng/ul	95
58) Fluorene	15.84	166	199179m	7.06	ng/ul	
64) N-Nitrosodiphenylamine	16.04	169	22494	1.04	ng/ul#	65
69) Phenanthrene	17.60	178	2226988m	55.82	ng/ul	
71) Anthracene	17.69	178	367113	9.02	ng/ul	99
72) Carbazole	17.96	167	78762	2.40	ng/ul	92
74) Fluoranthene	19.62	202	2312529	56.62	ng/ul	96
77) Pyrene	19.98	202	2507460	53.55	ng/ul	98
80) Benzo(a)anthracene	21.86	228	1240135	29.07	ng/ul#	94
82) Chrysene	21.93	228	1242372	32.03	ng/ul#	92
85) Benzo(b)fluoranthene	24.21	252	1305884	29.44	ng/ul#	95
86) Benzo(k)fluoranthene	24.27	252	366435	8.39	ng/ul#	88
88) Benzo(a)pyrene	25.14	252	1034255m	24.15	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	619963	12.32	ng/ul#	87
91) Benzo(g,h,i)perylene	30.43	276	571157	13.69	ng/ul#	87

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

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