Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023706.D
Acq On : 14 Aug 2016 2:40
Operator : UM/SJ
Sample : H4385-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0206-01

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umangi
8/16/2016 6:59:55 PM

Quant Time: Aug 16 11:01:50 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	113271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	497939	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	305677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	615212m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	661426m	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	655285	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	9260	3.48	ng/uL	0.00
5) Phenol-d5	7.27	99	273846	24.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	188108	25.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	196676	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	212140	23.81	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	107541	27.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	123906	27.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	222459m	26.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	203595	20.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	676299	27.02	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	816412	28.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	91029	21.31	ng/ul	0.00
57) Fluorene-d10	15.78	176	595946	25.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	76241m	19.32	ng/ul	0.00
70) Anthracene-d10	17.65	188	802485	28.95	ng/ul	0.00
76) Pyrene-d10	19.94	212	879216m	26.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	858080	28.93	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.61	142	24200	1.18	ng/ul	95
44) Dimethylphthalate	14.23	163	359389	14.50	ng/ul	99
47) Acenaphthylene	14.51	152	249807	8.48	ng/ul	98
49) Acenaphthene	14.85	153	40143	2.00	ng/ul	94
58) Fluorene	15.84	166	141430	5.71	ng/ul#	96
69) Phenanthrene	17.59	178	1785752m	56.05	ng/ul	
71) Anthracene	17.69	178	274025	8.43	ng/ul	99
72) Carbazole	17.96	167	55780	2.13	ng/ul	96
73) Di-n-butylphthalate	18.50	149	32849m	1.00	ng/ul	
74) Fluoranthene	19.62	202	2249449	68.96	ng/ul	95
77) Pyrene	19.98	202	2577544	63.04	ng/ul	97
78) Butylbenzylphthalate	20.85	149	20536m	1.31	ng/ul	
80) Benzo(a)anthracene	21.86	228	1521817m	40.86	ng/ul	
82) Chrysene	21.93	228	1534830m	45.32	ng/ul	
85) Benzo(b)fluoranthene	24.21	252	1713269	45.97	ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	520294m	14.18	ng/ul	
88) Benzo(a)pyrene	25.14	252	1321758m	36.73	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	694603	16.43	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.24	278	207409m	5.75	ng/ul	
91) Benzo(g,h,i)perylene	30.44	276	603821	17.22	ng/ul#	85

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

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