Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GD3

Manual Integrations APPROVED
Sohil
8/22/2017 5:50:21 PM

Quant Time: Aug 22 14:38:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	44716	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	184819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135906	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	323183	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	376643	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	367372	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	2949	3.07	ng/uL	0.00
5) Phenol-d5	7.50	99	66091	13.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	39240	12.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	48822	15.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	57255	13.95	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	24728	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	29506	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	57840	17.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	54979	15.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	201281	16.65	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	230279	16.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	14489	7.54	ng/ul	0.01
57) Fluorene-d10	15.94	176	174412	16.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	18357	8.74	ng/ul	0.00
70) Anthracene-d10	17.80	188	288624	18.62	ng/ul	0.00
76) Pyrene-d10	20.08	212	337148	17.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	313640	18.24	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.53	94	4987	1.022	ng/ul#	84
44) Dimethylphthalate	14.38	163	59884	5.380	ng/ul	99
49) Acenaphthene	15.01	153	15313	1.743	ng/ul	88
53) Dibenzofuran	15.35	168	14264	1.113	ng/ul	92
58) Fluorene	15.99	166	23233	2.048	ng/ul	95
69) Phenanthrene	17.75	178	896651	55.130	ng/ul	97
71) Anthracene	17.83	178	67250m	4.046	ng/ul	
72) Carbazole	18.10	167	130079	8.998	ng/ul	98
74) Fluoranthene	19.75	202	2349757	118.878	ng/ul	99
77) Pyrene	20.11	202	1858414	82.703	ng/ul	99
80) Benzo(a)anthracene	22.01	228	875886	40.248	ng/ul	99
82) Chrysene	22.09	228	1131944	57.754	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	1584845	72.091	ng/ul#	98
86) Benzo(k)fluoranthene	24.49	252	519935m	24.212	ng/ul	
88) Benzo(a)pyrene	25.38	252	923733	43.397	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.57	276	783041	31.414	ng/ul	98
90) Dibenzo(a,h)anthracene	29.60	278	181263m	8.676	ng/ul	
91) Benzo(g,h,i)perylene	30.84	276	617948	30.135	ng/ul	94

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

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