Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028432.D
Acq On : 23 Aug 2017 00:37
Operator : SJ/JU
Sample : I4827-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB4

Manual Integrations APPROVED
Sohil
8/23/2017 3:02:32 PM

Quant Time: Aug 23 14:05:26 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	45049	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	210511	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	149333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	332888	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	414115	20.00	ng/ul	0.01
83) Perylene-d12	25.56	264	390376	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	445	0.46	ng/uL	0.01
5) Phenol-d5	7.50	99	11021	2.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	6946	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	8947	2.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	9694	2.34	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	4921	2.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	5426	3.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	10316	2.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	9177	2.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	37298	2.81	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	44508	2.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	3181	1.51	ng/ul	0.02
57) Fluorene-d10	15.94	176	32930	2.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.09	200	1806	0.84	ng/ul	0.02
70) Anthracene-d10	17.81	188	50941	3.19	ng/ul	0.00
76) Pyrene-d10	20.08	212	63336	2.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	50855	2.78	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	11.21	128	178893	17.158	ng/ul	97
34) 2-Methylnaphthalene	12.80	142	96062	11.471	ng/ul	94
40) 1,1'-Biphenyl	13.78	154	37361	3.426	ng/ul	95
44) Dimethylphthalate	14.39	163	12598	1.030	ng/ul#	90
47) Acenaphthylene	14.68	152	72576	5.071	ng/ul	96
49) Acenaphthene	15.02	153	235777	24.418	ng/ul	94
53) Dibenzofuran	15.35	168	319227	22.675	ng/ul	98
58) Fluorene	16.00	166	474881	38.100	ng/ul	99
69) Phenanthrene	17.76	178	4280409m	255.505	ng/ul	
71) Anthracene	17.84	178	1124784	65.692	ng/ul	99
72) Carbazole	18.11	167	333543	22.399	ng/ul	99
74) Fluoranthene	19.76	202	4661266m	228.946	ng/ul	
77) Pyrene	20.12	202	4351477	176.127	ng/ul#	90
80) Benzo(a)anthracene	22.03	228	2466771	103.094	ng/ul	93
82) Chrysene	22.10	228	2178099m	101.076	ng/ul	
85) Benzo(b)fluoranthene	24.45	252	2583471	110.591	ng/ul#	96
86) Benzo(k)fluoranthene	24.51	252	921999m	40.406	ng/ul	
88) Benzo(a)pyrene	25.40	252	2052359	90.739	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.60	276	1206007	45.532	ng/ul	97
90) Dibenzo(a,h)anthracene	29.63	278	299256	13.480	ng/ul#	98
91) Benzo(g,h,i)perylene	30.87	276	1034690	47.484	ng/ul	96

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

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