Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027517.D
Acq On : 17 Jun 2017 21:48
Operator : SJ/MA
Sample : I3599-13 20X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B27

Manual Integrations APPROVED
mohammad
6/19/2017 9:13:49 AM

Quant Time: Jun 19 03:28:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 01:52:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	51665	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	259912	20.00	ng/ul	0.01
35) Acenaphthene-d10	15.11	164	167477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.87	188	335462	20.00	ng/ul	0.01
75) Chrysene-d12	22.24	240	401862	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	362177	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.65	99	4408	0.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	3779	0.99	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	3244	0.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	3541	0.81	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	4321	2.29	ng/ul	0.02
22) 2-Nitrophenol-d4	10.41	143	2003	1.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	3312	0.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	33093m	6.90	ng/ul	0.05
43) Dimethylphthalate-d6	14.50	166	15523	1.11	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	15552	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	2750	1.00	ng/ul	0.02
57) Fluorene-d10	16.10	176	14763	1.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.23	200	1016	0.49	ng/ul	0.03
70) Anthracene-d10	17.97	188	18762	1.20	ng/ul	0.01
76) Pyrene-d10	20.23	212	21804	1.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	16143	0.99	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.68	94	5976	1.018	ng/ul	89
16) 4-Methylphenol	9.26	108	11272	2.418	ng/ul	97
24) 2,4-Dimethylphenol	10.48	107	17834	3.399	ng/ul#	92
28) Naphthalene	11.43	128	9866893	738.715	ng/ul#	46
34) 2-Methylnaphthalene	12.97	142	3808682	384.525	ng/ul	90
40) 1,1'-Biphenyl	13.94	154	1131227	85.381	ng/ul#	93
47) Acenaphthylene	14.83	152	229296	14.167	ng/ul#	93
49) Acenaphthene	15.18	153	2891576	256.154	ng/ul#	95
53) Dibenzofuran	15.51	168	3111089	189.091	ng/ul	89
58) Fluorene	16.16	166	3116501	228.256	ng/ul#	98
69) Phenanthrene	17.93	178	7358098m	408.165	ng/ul	
71) Anthracene	18.01	178	2129076	116.148	ng/ul	95
72) Carbazole	18.26	167	1038337	65.862	ng/ul	96
74) Fluoranthene	19.91	202	5336511	263.101	ng/ul#	56
77) Pyrene	20.27	202	4400554	185.254	ng/ul#	63
80) Benzo(a)anthracene	22.22	228	1829705	81.760	ng/ul	95
82) Chrysene	22.29	228	1371057	67.836	ng/ul	95
85) Benzo(b)fluoranthene	24.73	252	953331	44.196	ng/ul#	96
86) Benzo(k)fluoranthene	24.79	252	334148	16.116	ng/ul#	97
88) Benzo(a)pyrene	25.72	252	600609	29.000	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.09	276	191903	8.117	ng/ul#	88
90) Dibenzo(a,h)anthracene	30.13	278	57018	2.809	ng/ul#	90
91) Benzo(g,h,i)perylene	31.40	276	121627	6.283	ng/ul#	84

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

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