Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027503.D
Acq On : 17 Jun 2017 11:53
Operator : SJ/MA
Sample : I3599-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5B28

Manual Integrations APPROVED
mohammad
6/19/2017 9:13:15 AM

Quant Time: Jun 19 01:32:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 00:57:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	45711	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	235061	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	155388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	365389	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	394695	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	375389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.08	96	4287	3.75	ng/uL	0.00
5) Phenol-d5	7.65	99	93177	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	73977	21.90	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	66623	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	77990	20.12	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	34605	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	39947	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	68492	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	105277	24.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	267531	20.56	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	312348	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	41575	16.33	ng/ul	0.00
57) Fluorene-d10	16.09	176	242031	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	38991	17.18	ng/ul	0.00
70) Anthracene-d10	17.95	188	375826	22.06	ng/ul	0.00
76) Pyrene-d10	20.22	212	430285	22.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	377796	22.35	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.68	94	54563	10.504	ng/ul#	85
11) 2-Methylphenol	8.93	108	12834	3.418	ng/ul	98
16) 4-Methylphenol	9.26	108	46139	11.189	ng/ul	94
24) 2,4-Dimethylphenol	10.47	107	16057	3.384	ng/ul#	94
28) Naphthalene	11.39	128	1043882	86.416	ng/ul	98
34) 2-Methylnaphthalene	12.95	142	271875	30.350	ng/ul	93
40) 1,1'-Biphenyl	13.94	154	76046	6.186	ng/ul#	97
44) Dimethylphthalate	14.53	163	119759	9.281	ng/ul	100
47) Acenaphthylene	14.83	152	15733	1.048	ng/ul#	93
49) Acenaphthene	15.17	153	267827	25.572	ng/ul	97
53) Dibenzofuran	15.50	168	303414	19.876	ng/ul	98
58) Fluorene	16.15	166	318648	25.154	ng/ul	100
69) Phenanthrene	17.90	178	1360093	69.267	ng/ul	97
71) Anthracene	17.99	178	212174	10.627	ng/ul	99
72) Carbazole	18.25	167	145630	8.481	ng/ul	99
74) Fluoranthene	19.89	202	794118	35.945	ng/ul#	87
77) Pyrene	20.25	202	529821	22.709	ng/ul#	81
80) Benzo(a)anthracene	22.21	228	150813	6.861	ng/ul	99
82) Chrysene	22.28	228	110673	5.575	ng/ul	99
85) Benzo(b)fluoranthene	24.72	252	66538	2.976	ng/ul#	94
86) Benzo(k)fluoranthene	24.77	252	22193m	1.033	ng/ul	
88) Benzo(a)pyrene	25.70	252	39076	1.820	ng/ul#	93

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

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