Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027515.D
Acq On : 17 Jun 2017 20:29
Operator : SJ/MA
Sample : I3599-09 20X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D77

Quant Time: Jun 19 03:16:06 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	57336	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	280785	20.00	ng/ul	0.03
35) Acenaphthene-d10	15.11	164	181070	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.87	188	345055	20.00	ng/ul	0.02
75) Chrysene-d12	22.25	240	429870	20.00	ng/ul	0.02
83) Perylene-d12	25.90	264	380151	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	4851	0.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	4484	1.06	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	3746	0.91	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	4362	0.90	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	6879	3.37	ng/ul	0.02
22) 2-Nitrophenol-d4	10.42	143	2282	1.05	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.96	165	3787	0.93	ng/ul	0.01
29) 4-Chloroaniline-d4	11.52	131	92904	17.93	ng/ul	0.06
43) Dimethylphthalate-d6	14.50	166	19384	1.28	ng/ul	0.01
46) Acenaphthylene-d8	14.80	160	16777	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	5362	1.81	ng/ul	0.02
57) Fluorene-d10	16.10	176	14921	1.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	96	0.04	ng/ul	0.00
70) Anthracene-d10	17.98	188	19012	1.18	ng/ul	0.02
76) Pyrene-d10	20.23	212	23676	1.13	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.65	264	17337	1.01	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	11.46	128	13489988	934.889	ng/ul#	25
34) 2-Methylnaphthalene	12.99	142	5738454	536.287	ng/ul	86
40) 1,1'-Biphenyl	13.95	154	1949426	136.090	ng/ul#	89
47) Acenaphthylene	14.83	152	396557	22.661	ng/ul#	95
49) Acenaphthene	15.19	153	4409797	361.322	ng/ul#	91
53) Dibenzofuran	15.52	168	4586540	257.841	ng/ul#	75
58) Fluorene	16.17	166	4553252	308.450	ng/ul#	96
69) Phenanthrene	17.95	178	9709863	523.646	ng/ul#	33
71) Anthracene	18.01	178	3224509	171.018	ng/ul#	87
72) Carbazole	18.27	167	1587433	97.892	ng/ul	94
74) Fluoranthene	19.92	202	7243096	347.172	ng/ul#	39
77) Pyrene	20.28	202	6145031	241.837	ng/ul#	44
80) Benzo(a)anthracene	22.23	228	3014212	125.915	ng/ul#	90
82) Chrysene	22.30	228	2279577	105.439	ng/ul	93
85) Benzo(b)fluoranthene	24.74	252	1681943	74.288	ng/ul#	95
86) Benzo(k)fluoranthene	24.80	252	560299	25.746	ng/ul#	96
88) Benzo(a)pyrene	25.73	252	1054182	48.494	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.10	276	351948	14.182	ng/ul#	91
90) Dibenzo(a,h)anthracene	30.15	278	105736	4.963	ng/ul#	94
91) Benzo(g,h,i)perylene	31.43	276	234348	11.534	ng/ul#	90

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

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