Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020300.D
Acq On : 19 Dec 2015 7:27
Operator : UM/SJ
Sample : G4768-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N44

Manual Integrations APPROVED
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12/22/2015 2:13:20 PM

Quant Time: Dec 20 04:23:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 04:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	70362	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.73	164	57810	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	134867	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	181229	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	171412	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	501	1.40	ng/uL	0.00
5) Phenol-d5	7.24	99	13508	7.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	31675	30.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	33725	26.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	23798	15.99	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21991	40.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	25787	42.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.54	165	42125	34.07	ng/ul	0.02
29) 4-Chloroaniline-d4	11.04	131	4047m	2.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	145638	31.15	ng/ul	0.01
47) Acenaphthylene-d8	14.42	160	174556	32.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	7321	8.73	ng/ul	0.00
58) Fluorene-d10	15.72	176	133741	31.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	21781	27.24	ng/ul	0.00
71) Anthracene-d10	17.57	188	206947	33.30	ng/ul	0.00
79) Pyrene-d10	19.85	212	249557	29.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	275069	32.17	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.27	94	4746	2.55	ng/ul#	87
11) 2-Methylphenol	8.53	108	38045	26.75	ng/ul	93
14) Acetophenone	8.92	105	20771	8.91	ng/ul#	92
16) 4-Methylphenol	8.86	108	49730	31.60	ng/ul	95
24) 2,4-Dimethylphenol	10.08	107	241096m	162.23	ng/ul	
28) Naphthalene	11.04	128	8320248	2264.37	ng/ul#	46
34) 2-Methylnaphthalene	12.58	142	1465578	522.18	ng/ul	100
35) 1-Methylnaphthalene	12.80	142	852762	316.04	ng/ul#	96
41) 1,1'-Biphenyl	13.57	154	453934	104.08	ng/ul	98
48) Acenaphthylene	14.45	152	299488	51.82	ng/ul	99
50) Acenaphthene	14.81	153	1616582	415.70	ng/ul	93
54) Dibenzofuran	15.13	168	1361392	235.33	ng/ul	92
59) Fluorene	15.78	166	958994	206.43	ng/ul	98
70) Phenanthrene	17.53	178	1558991m	211.33	ng/ul	
72) Anthracene	17.61	178	117266m	15.67	ng/ul	
75) Carbazole	17.90	167	2066969	328.77	ng/ul#	87
77) Fluoranthene	19.52	202	255136	29.59	ng/ul	98
80) Pyrene	19.88	202	150764	13.74	ng/ul	99

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

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