Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020607.D
Acq On : 30 Dec 2015 13:57
Operator : UM/SJ
Sample : G4846-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N54

Manual Integrations APPROVED
Sohil
12/31/2015 6:33:17 PM

Quant Time: Dec 31 00:33:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	114012m	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.70	164	71118	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	161904	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	197304	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	188001	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	438	1.12	ng/uL	0.00
5) Phenol-d5	7.22	99	14985	7.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	36270	30.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	38749	25.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	27450	16.15	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	26430	30.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	30161	29.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.51	165	50078	25.79	ng/ul	0.02
29) 4-Chloroaniline-d4	11.02	131	4069	1.76	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	176409	30.31	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	209745	31.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	7398	8.11	ng/ul	0.00
58) Fluorene-d10	15.69	176	165137	31.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	28859	29.39	ng/ul	0.01
71) Anthracene-d10	17.55	188	246551	32.68	ng/ul	0.00
79) Pyrene-d10	19.83	212	283630	32.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	318442	33.95	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.25	94	3362	1.58	ng/ul	94
11) 2-Methylphenol	8.50	108	12619	7.67	ng/ul	97
14) Acetophenone	8.89	105	12894m	4.63	ng/ul	
16) 4-Methylphenol	8.84	108	24153	13.27	ng/ul	83
24) 2,4-Dimethylphenol	10.06	107	83311m	36.67	ng/ul	
28) Naphthalene	11.02	128	9078669	1503.64	ng/ul#	46
34) 2-Methylnaphthalene	12.55	142	1763337	390.31	ng/ul	95
41) 1,1'-Biphenyl	13.53	154	522208	97.59	ng/ul	99
48) Acenaphthylene	14.42	152	230135	32.69	ng/ul	95
50) Acenaphthene	14.79	153	1921576	403.29	ng/ul	94
54) Dibenzofuran	15.11	168	1661153	230.70	ng/ul	91
59) Fluorene	15.76	166	1274321	220.01	ng/ul	97
70) Phenanthrene	17.50	178	2037243m	231.45	ng/ul	
72) Anthracene	17.58	178	197286m	21.91	ng/ul	
75) Carbazole	17.88	167	2439335	321.08	ng/ul#	83
77) Fluoranthene	19.49	202	360404	33.51	ng/ul	99
80) Pyrene	19.86	202	208020	18.20	ng/ul	99

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

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