Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020425.D
Acq On : 23 Dec 2015 2:51
Operator : UM/SJ
Sample : G4866-14MSD
Misc : MED LEVEL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43M4MSD

Manual Integrations APPROVED
Sohil
12/24/2015 5:33:26 PM

Quant Time: Dec 23 08:01:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 07:35:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	21447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	95109	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	66973	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	154797	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	194156	20.00	ng/ul	0.02
86) Perylene-d12	25.04	264	195765	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1158	2.98	ng/uL	0.00
5) Phenol-d5	7.24	99	33610	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	20225	17.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	26940	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	24869	15.38	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	14351	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	17358	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	33048	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	19000	10.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	112539	20.77	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	131430	20.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	13789	14.19	ng/ul	0.00
58) Fluorene-d10	15.70	176	99577	20.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	16714	18.21	ng/ul	0.00
71) Anthracene-d10	17.57	188	151112	21.19	ng/ul	0.00
79) Pyrene-d10	19.85	212	184033	20.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	208975	21.40	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.27	94	32732	16.16	ng/ul	97
10) 2-Chlorophenol	7.65	128	25792	17.91	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.89	70	23512	17.54	ng/ul	95
28) Naphthalene	10.95	128	44461	8.95	ng/ul	98
33) 4-Chloro-3-methylphenol	12.17	107	33098	16.23	ng/ul	97
34) 2-Methylnaphthalene	12.55	142	11822	3.12	ng/ul	97
41) 1,1'-Biphenyl	13.55	154	6417	1.27	ng/ul#	94
45) Dimethylphthalate	14.16	163	26314	4.76	ng/ul	100
50) Acenaphthene	14.78	153	221152	49.09	ng/ul	98
53) 4-Nitrophenol	14.93	109	11183	11.97	ng/ul	94
54) Dibenzofuran	15.12	168	86444	12.90	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	32622	19.42	ng/ul	90
59) Fluorene	15.76	166	135608	25.20	ng/ul	98
69) Pentachlorophenol	17.12	266	14590	12.40	ng/ul	97
70) Phenanthrene	17.52	178	1917710m	226.49	ng/ul	
72) Anthracene	17.60	178	441839	51.45	ng/ul	98
75) Carbazole	17.87	167	269917	37.41	ng/ul	98
77) Fluoranthene	19.54	202	3086567	311.91	ng/ul#	82
80) Pyrene	19.90	202	2935877	249.84	ng/ul#	82
83) Benzo(a)anthracene	21.74	228	1836707	162.13	ng/ul#	89
85) Chrysene	21.81	228	1908625	178.88	ng/ul#	85
88) Benzo(b)fluoranthene	24.02	252	2764091	234.59	ng/ul#	92
89) Benzo(k)fluoranthene	24.08	252	865399	76.54	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.92	252	1974475	176.78	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.87	278	367578	33.29	ng/ul	96
94) Benzo(g,h,i)perylene	30.03	276	1413546	129.64	ng/ul	98

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

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