Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
Data File : BG020805.D
Acq On : 8 Feb 2016 16:09
Operator : SJ/UM
Sample : SSTD00515
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00515

Manual Integrations APPROVED
UMANGI
2/9/2016 12:38:36 PM

Quant Time: Feb 09 04:49:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 04:36:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	16489	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	82941	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	53921	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	126136	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	115850	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	105641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	624	1.71	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.79	132	6096	4.60	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.44	128	3157	4.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	2796	4.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	6000	4.58	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.28	166	23186	4.76	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	26975	4.52	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.87	176	19523	4.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.72	188	30740	4.74	ng/ul	0.00
79) Pyrene-d10	19.98	212	28842	4.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	27848	4.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	856	2.11	ng/uL	88
10) 2-Chlorophenol	7.83	128	6363	4.62	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.07	70	5203	4.46	ng/ul#	96
17) Hexachloroethane	9.37	117	2459	4.82	ng/ul	93
20) Nitrobenzene	9.48	77	6496	4.36	ng/ul#	96
21) Isophorone	10.01	82	15476	4.79	ng/ul	98
23) 2-Nitrophenol	10.20	139	3408	4.24	ng/ul	94
24) 2,4-Dimethylphenol	10.24	107	7262	4.49	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.48	93	9865	4.80	ng/ul	96
27) 2,4-Dichlorophenol	10.73	162	6419	4.69	ng/ul	95
28) Naphthalene	11.15	128	22786	4.78	ng/ul	97
31) Hexachlorobutadiene	11.43	225	3163	4.84	ng/ul	89
33) 4-Chloro-3-methylphenol	12.34	107	7500	4.57	ng/ul	88
34) 2-Methylnaphthalene	12.73	142	17287	4.78	ng/ul	97
35) 1-Methylnaphthalene	12.95	142	16158	4.72	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	6978	4.35	ng/ul	97
39) 2,4,6-Trichlorophenol	13.32	196	5014	4.28	ng/ul	97
40) 2,4,5-Trichlorophenol	13.39	196	5835	4.53	ng/ul	92
41) 1,1'-Biphenyl	13.73	154	22447	4.52	ng/ul	100
42) 2-Chloronaphthalene	13.77	162	16791	4.53	ng/ul	97
43) 2-Nitroaniline	13.96	65	4253	4.14	ng/ul	94
45) Dimethylphthalate	14.33	163	24420	4.79	ng/ul	99
46) 2,6-Dinitrotoluene	14.45	165	4298	4.29	ng/ul#	92

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48) Acenaphthylene	14.61	152	29953	4.53	ng/ul	99
50) Acenaphthene	14.95	153	20962	4.64	ng/ul	97
54) Dibenzofuran	15.28	168	27688	4.61	ng/ul	97
55) 2,4-Dinitrotoluene	15.22	165	5830	4.11	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.50	232	5045	4.58	ng/ul#	93
57) Diethylphthalate	15.68	149	26151	4.88	ng/ul	97
59) Fluorene	15.92	166	24406	4.74	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.91	204	10372	4.76	ng/ul	97
65) N-Nitrosodiphenylamine	16.12	169	20517	4.60	ng/ul	99
66) 4-Bromophenyl-phenylether	16.80	248	6328	4.53	ng/ul	96
67) Hexachlorobenzene	16.93	284	7170	4.70	ng/ul	93
70) Phenanthrene	17.67	178	38526	4.68	ng/ul	99
72) Anthracene	17.76	178	39497	4.72	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	6893	4.38	ng/uL	96
74) Pentachlorobenzene	15.19	250	7320	4.51	ng/uL	98
76) Di-n-butylphthalate	18.56	149	43820	4.69	ng/ul	99
80) Pyrene	20.01	202	41190	4.72	ng/ul	99
81) Butylbenzylphthalate	20.89	149	18341	4.61	ng/ul	95
83) Benzo(a)anthracene	21.89	228	36852	4.71	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	27800	4.59	ng/ul	99
85) Chrysene	21.95	228	33765	4.67	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	34296	4.60	ng/ul	98
89) Benzo(k)fluoranthene	24.28	252	32988	4.66	ng/ul	98
91) Benzo(a)pyrene	25.13	252	32840	4.72	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.18	276	37167m	4.59	ng/ul	
93) Dibenzo(a,h)anthracene	29.24	278	30760m	4.63	ng/ul	
94) Benzo(g,h,i)perylene	30.38	276	30780	4.71	ng/ul	95

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

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