Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023191.D
Acq On : 20 Jul 2016 17:10
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02007

Manual Integrations APPROVED
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7/21/2016 1:50:31 PM

Quant Time: Jul 21 04:22:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 16:24:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	120048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	558775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	405321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	963160m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1051463	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1045505	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	22580	8.51	ng/uL	0.00
5) Phenol-d5	7.29	99	235409	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	161990	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	156701	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	187297	19.45	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	85903	19.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	103345	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	196703	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	252740	24.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	670875	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	771485	20.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	119649	20.12	ng/ul	0.00
57) Fluorene-d10	15.81	176	601772	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	132890m	20.05	ng/ul	0.00
70) Anthracene-d10	17.67	188	948756	21.04	ng/ul	0.00
76) Pyrene-d10	19.96	212	1117386	20.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	976943	19.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	22585	7.95	ng/uL#	80
4) Benzaldehyde	7.27	77	184215	23.97	ng/ul#	74
6) Phenol	7.32	94	252536	19.61	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.55	93	194131	20.05	ng/ul	88
10) 2-Chlorophenol	7.70	128	163840	19.18	ng/ul#	81
11) 2-Methylphenol	8.59	108	182621	19.19	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.68	45	262436	20.03	ng/ul	98
14) Acetophenone	8.97	105	333585	19.91	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.95	70	212586	19.23	ng/ul#	82
16) 4-Methylphenol	8.92	108	204357	19.29	ng/ul	99
17) Hexachloroethane	9.23	117	78248	19.36	ng/ul	89
20) Nitrobenzene	9.36	77	285524	19.79	ng/ul#	81
21) Isophorone	9.88	82	554460	20.15	ng/ul#	89
23) 2-Nitrophenol	10.08	139	109821	19.72	ng/ul#	39
24) 2,4-Dimethylphenol	10.13	107	254878	19.92	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.37	93	305641	20.09	ng/ul#	95
27) 2,4-Dichlorophenol	10.62	162	195876	20.16	ng/ul#	94
28) Naphthalene	11.03	128	560531	19.95	ng/ul	98
30) 4-Chloroaniline	11.14	127	245739	23.40	ng/ul	96
31) Hexachlorobutadiene	11.31	225	154491	19.79	ng/ul	95
32) Caprolactam	11.90	113	80717m	20.04	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	255331	20.02	ng/ul#	78
34) 2-Methylnaphthalene	12.64	142	451678	19.43	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	269504	19.93	ng/ul	95
37) Hexachlorocyclopentadiene	12.97	237	179338	20.38	ng/ul	97
38) 2,4,6-Trichlorophenol	13.24	196	183657	19.62	ng/ul	99
39) 2,4,5-Trichlorophenol	13.32	196	188429	19.73	ng/ul	95
40) 1,1'-Biphenyl	13.64	154	611372	20.11	ng/ul	96
41) 2-Chloronaphthalene	13.68	162	486423	19.85	ng/ul	96
42) 2-Nitroaniline	13.89	65	212293	19.48	ng/ul#	59
44) Dimethylphthalate	14.25	163	682911	20.00	ng/ul	99
45) 2,6-Dinitrotoluene	14.38	165	143367	19.35	ng/ul#	75
47) Acenaphthylene	14.53	152	789148	20.34	ng/ul	99
48) 3-Nitroaniline	14.72	138	144171	22.79	ng/ul#	59
49) Acenaphthene	14.87	153	530908	20.25	ng/ul	94
50) 2,4-Dinitrophenol	14.92	184	84793m	18.25	ng/ul	
52) 4-Nitrophenol	15.03	109	146436	20.68	ng/ul#	59
53) Dibenzofuran	15.21	168	793559	20.52	ng/ul#	86
54) 2,4-Dinitrotoluene	15.17	165	217698	19.30	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.44	232	187494	19.43	ng/ul#	96
56) Diethylphthalate	15.61	149	709488	19.54	ng/ul	97
58) Fluorene	15.86	166	628086	19.70	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.85	204	349165	19.98	ng/ul	96
60) 4-Nitroaniline	15.88	138	169123m	21.74	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.94	198	146274m	20.88	ng/ul	
64) N-Nitrosodiphenylamine	16.07	169	582675	20.94	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	224754	20.28	ng/ul	92
66) Hexachlorobenzene	16.87	284	233781	20.60	ng/ul#	92
67) Atrazine	17.01	200	261371	22.02	ng/ul	96
68) Pentachlorophenol	17.22	266	140885	20.01	ng/ul	90
69) Phenanthrene	17.62	178	1046940m	21.10	ng/ul	
71) Anthracene	17.71	178	1095741	21.08	ng/ul	97
72) Carbazole	17.98	167	962176	23.52	ng/ul	97
73) Di-n-butylphthalate	18.52	149	1204715	21.24	ng/ul#	94
74) Fluoranthene	19.63	202	1289387m	24.74	ng/ul	
77) Pyrene	19.99	202	1322136	20.68	ng/ul#	91
78) Butylbenzylphthalate	20.87	149	582953	21.00	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	479183	22.84	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	1289160	20.65	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	784437	20.68	ng/ul	96
82) Chrysene	21.94	228	1173738	20.72	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	1333582	23.02	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1292366	20.32	ng/ul#	93
86) Benzo(k)fluoranthene	24.28	252	1205139	19.99	ng/ul#	88
88) Benzo(a)pyrene	25.14	252	1208173	19.93	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.19	276	1332687	19.52	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.26	278	1121024	19.94	ng/ul#	88
91) Benzo(g,h,i)perylene	30.43	276	1105910m	19.61	ng/ul	

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

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