Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023560.D
Acq On : 9 Aug 2016 17:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 10 05:32:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	114659	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	548490	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	385332	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	985035m	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1001816m	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	960508	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	20012	7.42	ng/uL	0.00
5) Phenol-d5	7.27	99	235656	20.40	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	156078	21.09	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	166440	21.12	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	183993	20.40	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	87538	20.25	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	103444	20.83	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	190766	20.37	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	250024	22.75	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	654327	20.74	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	766476	21.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	109789m	20.38	ng/ul	0.00
57) Fluorene-d10	15.78	176	616358	21.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	132995m	21.04	ng/ul	0.00
70) Anthracene-d10	17.65	188	950439	21.42	ng/ul	0.00
76) Pyrene-d10	19.94	212	1053770	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	913908	21.02	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	24940	8.81	ng/uL#	89
4) Benzaldehyde	7.24	77	162315	23.06	ng/ul#	82
6) Phenol	7.30	94	246985	20.53	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.52	93	178279	20.42	ng/ul#	86
10) 2-Chlorophenol	7.67	128	166300	20.72	ng/ul#	85
11) 2-Methylphenol	8.56	108	187611	20.71	ng/ul	82
12) 2,2'-oxybis(1-Chloropropan	8.65	45	255020	21.34	ng/ul	99
14) Acetophenone	8.94	105	302162	20.89	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.92	70	178933	20.56	ng/ul#	87
16) 4-Methylphenol	8.89	108	208921	20.58	ng/ul	97
17) Hexachloroethane	9.21	117	67711	19.55	ng/ul	86
20) Nitrobenzene	9.33	77	256239	20.22	ng/ul#	81
21) Isophorone	9.85	82	477954	20.51	ng/ul#	92
23) 2-Nitrophenol	10.05	139	108228	20.19	ng/ul#	67
24) 2,4-Dimethylphenol	10.10	107	233582	19.86	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.34	93	273874	20.37	ng/ul#	96
27) 2,4-Dichlorophenol	10.60	162	190968	20.22	ng/ul	90
28) Naphthalene	11.00	128	571615	20.53	ng/ul	98
30) 4-Chloroaniline	11.11	127	240109	22.02	ng/ul	97
31) Hexachlorobutadiene	11.28	225	128884	20.49	ng/ul	92
32) Caprolactam	11.87	113	75245m	19.18	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	246158	20.25	ng/ul	85
34) 2-Methylnaphthalene	12.61	142	457911	20.28	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	258781	21.87 ng/ul	98
37) Hexachlorocyclopentadiene	12.95	237	124969	19.10 ng/ul	96
38) 2,4,6-Trichlorophenol	13.22	196	182553	22.28 ng/ul	94
39) 2,4,5-Trichlorophenol	13.29	196	180271	20.52 ng/ul	98
40) 1,1'-Biphenyl	13.61	154	618066	21.83 ng/ul	98
41) 2-Chloronaphthalene	13.66	162	478281	21.72 ng/ul	96
42) 2-Nitroaniline	13.86	65	185950	20.68 ng/ul#	65
44) Dimethylphthalate	14.23	163	654565	20.95 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	144726	21.37 ng/ul#	88
47) Acenaphthylene	14.51	152	810473	21.82 ng/ul	100
48) 3-Nitroaniline	14.69	138	144542	22.70 ng/ul#	61
49) Acenaphthene	14.85	153	542169	21.43 ng/ul	97
50) 2,4-Dinitrophenol	14.90	184	79437	19.01 ng/ul#	84
52) 4-Nitrophenol	15.02	109	101837	18.88 ng/ul#	76
53) Dibenzofuran	15.19	168	803364	21.43 ng/ul	89
54) 2,4-Dinitrotoluene	15.15	165	214670	20.92 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.41	232	179944	19.94 ng/ul	96
56) Diethylphthalate	15.59	149	673556	20.63 ng/ul	95
58) Fluorene	15.84	166	650786	20.83 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.83	204	330663	21.05 ng/ul	99
60) 4-Nitroaniline	15.86	138	155738m	21.09 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.92	198	135223m	20.38 ng/ul	
64) N-Nitrosodiphenylamine	16.04	169	595845	21.65 ng/ul	95
65) 4-Bromophenyl-phenylether	16.72	248	235017	20.80 ng/ul	97
66) Hexachlorobenzene	16.85	284	257807	21.42 ng/ul	95
67) Atrazine	16.99	200	243211	21.39 ng/ul	98
68) Pentachlorophenol	17.20	266	127577	19.21 ng/ul	95
69) Phenanthrene	17.59	178	1104887m	21.66 ng/ul	
71) Anthracene	17.68	178	1129375	21.70 ng/ul	98
72) Carbazole	17.96	167	994733	23.71 ng/ul	99
73) Di-n-butylphthalate	18.50	149	1163904	22.15 ng/ul#	94
74) Fluoranthene	19.60	202	1289655m	24.69 ng/ul	
77) Pyrene	19.97	202	1302059	21.02 ng/ul	97
78) Butylbenzylphthalate	20.85	149	527238m	22.20 ng/ul	
79) 3,3'-Dichlorobenzidine	21.76	252	398168m	22.56 ng/ul	
80) Benzo(a)anthracene	21.85	228	1175312m	20.83 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.73	149	711529m	22.53 ng/ul	
82) Chrysene	21.92	228	1068065	20.82 ng/ul	94
84) Di-n-octyl phthalate	23.00	149	1163954	23.99 ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	1167005	21.36 ng/ul#	95
86) Benzo(k)fluoranthene	24.26	252	1115703	20.74 ng/ul#	93
88) Benzo(a)pyrene	25.11	252	1103244	20.92 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.15	276	1287831	20.78 ng/ul#	86
90) Dibenzo(a,h)anthracene	29.23	278	1091985	20.66 ng/ul#	91
91) Benzo(g,h,i)perylene	30.37	276	1047029	20.38 ng/ul#	89

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

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