Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023506.D
Acq On : 6 Aug 2016 3:08
Operator : UM/SJ
Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 05:15:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 17:27:34 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02012

Manual Integrations APPROVED
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8/8/2016 6:56:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	121170	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	560888	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.78	164	402063	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.54	188	1000676	20.00	ng/ul	-0.03
75) Chrysene-d12	21.86	240	1030424	20.00	ng/ul	-0.04
83) Perylene-d12	25.24	264	995858	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	21799	7.65	ng/uL	-0.02
5) Phenol-d5	7.27	99	248244	20.34	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	160926	20.58	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	170724	20.50	ng/ul	-0.03
13) 4-Methylphenol-d8	8.83	113	193536	20.31	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	94214	21.31	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	106895	21.05	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.57	165	201578	21.05	ng/ul	-0.03
29) 4-Chloroaniline-d4	11.09	131	256291	22.81	ng/ul	-0.03
43) Dimethylphthalate-d6	14.18	166	688708	20.92	ng/ul	-0.03
46) Acenaphthylene-d8	14.48	160	800149	21.60	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.99	143	114064	20.30	ng/ul	-0.02
57) Fluorene-d10	15.77	176	622490	20.47	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.90	200	129280	20.14	ng/ul	-0.02
70) Anthracene-d10	17.64	188	951022	21.09	ng/ul	-0.03
76) Pyrene-d10	19.93	212	1080140	20.71	ng/ul	-0.03
87) Benzo(a)pyrene-d12	25.00	264	956294	21.21	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	25138	8.41	ng/uL#	84
4) Benzaldehyde	7.25	77	165693	22.27	ng/ul	86
6) Phenol	7.30	94	259822	20.44	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.53	93	194852	21.12	ng/ul	87
10) 2-Chlorophenol	7.68	128	177812	20.96	ng/ul#	86
11) 2-Methylphenol	8.56	108	193456	20.21	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.65	45	273267	21.64	ng/ul	96
14) Acetophenone	8.95	105	324113	21.21	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.92	70	185742	20.20	ng/ul#	87
16) 4-Methylphenol	8.89	108	211531	19.71	ng/ul	100
17) Hexachloroethane	9.21	117	74097	20.25	ng/ul	95
20) Nitrobenzene	9.33	77	269448	20.79	ng/ul#	80
21) Isophorone	9.86	82	497415	20.87	ng/ul#	95
23) 2-Nitrophenol	10.05	139	113943	20.78	ng/ul#	63
24) 2,4-Dimethylphenol	10.11	107	253267	21.06	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.34	93	284172	20.67	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	202069	20.92	ng/ul	97
28) Naphthalene	11.00	128	601195	21.11	ng/ul	98
30) 4-Chloroaniline	11.11	127	252045	22.60	ng/ul	100
31) Hexachlorobutadiene	11.28	225	137516	21.38	ng/ul	93
32) Caprolactam	11.87	113	78194m	19.49	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	250457	20.15	ng/ul	86
34) 2-Methylnaphthalene	12.61	142	483980	20.96	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	266786	21.61	ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	139018	20.36	ng/ul	90
38) 2,4,6-Trichlorophenol	13.21	196	176747	20.67	ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	186556	20.35	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	645905	21.86	ng/ul	98
41) 2-Chloronaphthalene	13.65	162	493862	21.50	ng/ul	94
42) 2-Nitroaniline	13.86	65	200772	21.40	ng/ul#	65
44) Dimethylphthalate	14.22	163	668472	20.51	ng/ul	100
45) 2,6-Dinitrotoluene	14.35	165	143838	20.35	ng/ul#	81
47) Acenaphthylene	14.50	152	840788	21.70	ng/ul	100
48) 3-Nitroaniline	14.69	138	136858	20.60	ng/ul#	48
49) Acenaphthene	14.85	153	555865	21.05	ng/ul	97
50) 2,4-Dinitrophenol	14.90	184	81657m	18.73	ng/ul	
52) 4-Nitrophenol	15.00	109	114955m	20.42	ng/ul	
53) Dibenzofuran	15.18	168	826637	21.13	ng/ul	90
54) 2,4-Dinitrotoluene	15.14	165	223934	20.91	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.41	232	184355	19.58	ng/ul#	95
56) Diethylphthalate	15.59	149	701179	20.58	ng/ul	97
58) Fluorene	15.83	166	663560	20.36	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	338111	20.62	ng/ul	96
60) 4-Nitroaniline	15.86	138	164603	21.36	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.91	198	141678	21.02	ng/ul	97
64) N-Nitrosodiphenylamine	16.04	169	612740	21.91	ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	233158	20.32	ng/ul	99
66) Hexachlorobenzene	16.84	284	254547	20.82	ng/ul	96
67) Atrazine	16.98	200	246900	21.38	ng/ul	99
68) Pentachlorophenol	17.19	266	127403	18.89	ng/ul	92
69) Phenanthrene	17.58	178	1117633	21.57	ng/ul	99
71) Anthracene	17.68	178	1159780	21.93	ng/ul	96
72) Carbazole	17.95	167	997266	23.40	ng/ul	99
73) Di-n-butylphthalate	18.49	149	1189783	22.29	ng/ul#	94
74) Fluoranthene	19.60	202	1305841	24.61	ng/ul#	92
77) Pyrene	19.96	202	1324224	20.79	ng/ul	93
78) Butylbenzylphthalate	20.84	149	530692	21.72	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.75	252	415053	22.86	ng/ul#	98
80) Benzo(a)anthracene	21.84	228	1240022	21.37	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	730424	22.48	ng/ul#	98
82) Chrysene	21.91	228	1144675	21.69	ng/ul	97
84) Di-n-octyl phthalate	22.98	149	1209724	24.05	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1216161	21.47	ng/ul#	93
86) Benzo(k)fluoranthene	24.23	252	1205321	21.61	ng/ul#	95
88) Benzo(a)pyrene	25.08	252	1186594	21.70	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.10	276	1369743m	21.32	ng/ul	
90) Dibenzo(a,h)anthracene	29.17	278	1169181	21.33	ng/ul#	90
91) Benzo(g,h,i)perylene	30.31	276	1120263	21.03	ng/ul#	87

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

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