Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041017\
Data File : BG026609.D
Acq On : 10 Apr 2017 16:08
Operator : SJ/MA
Sample : 40 PPB(EPA-STD)
Misc : For Confirmation
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40 PPB(EPA-STD)

Quant Time: Apr 11 10:38:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 03:24:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	172421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	746068	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	447792	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	1051313	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1176795	20.00	ng/ul	0.00
85) Perylene-d12	24.79	264	1193047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	
Target Compounds						Qvalue
6) Phenol	7.22	94	545821	41.17	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.44	93	433264	42.81	ng/ul	94
10) 2-Chlorophenol	7.60	128	453750	41.19	ng/ul	96
11) 2-Methylphenol	8.47	108	437654	42.21	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.56	45	419940	44.01	ng/ul	98
14) Acetophenone	8.85	105	666174	43.36	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.83	70	308712	43.28	ng/ul#	94
16) 4-Methylphenol	8.80	108	468812	41.78	ng/ul	100
17) Hexachloroethane	9.11	117	169431	41.54	ng/ul	86
20) Nitrobenzene	9.23	77	440133	41.55	ng/ul	96
21) Isophorone	9.75	82	862787	42.77	ng/ul	95
23) 2-Nitrophenol	9.94	139	280404	42.66	ng/ul#	87
24) 2,4-Dimethylphenol	10.00	107	489097	41.43	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.23	93	576141	41.33	ng/ul	100
27) 2,4-Dichlorophenol	10.48	162	456416	40.29	ng/ul	95
28) Naphthalene	10.88	128	1438125	40.17	ng/ul	98
30) 4-Chloroaniline	10.98	127	364842	33.50	ng/ul	99
31) Hexachlorobutadiene	11.17	225	290831	40.35	ng/ul	98
33) 4-Chloro-3-methylphenol	12.10	107	443074	40.40	ng/ul	86
34) 2-Methylnaphthalene	12.48	142	1125895	40.66	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	546718	38.78	ng/ul#	97
37) Hexachlorocyclopentadiene	12.83	237	295282	41.92	ng/ul	98
38) 2,4,6-Trichlorophenol	13.08	196	373181	39.90	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 2,4,5-Trichlorophenol	13.16	196	385511	40.03	ng/ul	96
40) 1,1'-Biphenyl	13.48	154	1415480	39.40	ng/ul	96
41) 2-Chloronaphthalene	13.52	162	1073241	39.58	ng/ul	94
42) 2-Nitroaniline	13.72	65	272493	43.22	ng/ul	92
44) Dimethylphthalate	14.09	163	1349854	40.17	ng/ul#	97
45) 2,6-Dinitrotoluene	14.21	165	310343	42.79	ng/ul#	87
47) Acenaphthylene	14.37	152	1708951	39.73	ng/ul	96
48) 3-Nitroaniline	14.54	138	336011	50.29	ng/ul	88
49) Acenaphthene	14.71	153	1180340	39.54	ng/ul	99
50) 2,4-Dinitrophenol	14.75	184	180781	44.26	ng/ul#	81
52) 4-Nitrophenol	14.85	109	145386	40.62	ng/ul#	62
53) Dibenzofuran	15.04	168	1667036	39.27	ng/ul	92
54) 2,4-Dinitrotoluene	15.00	165	456026	43.49	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.26	232	362712	39.17	ng/ul#	89
56) Diethylphthalate	15.45	149	1351876	40.47	ng/ul	93
58) Fluorene	15.68	166	1365154	38.68	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.67	204	696907	40.20	ng/ul#	86
60) 4-Nitroaniline	15.70	138	363684	43.67	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.76	198	294861	41.56	ng/ul#	85
64) N-Nitrosodiphenylamine	15.88	169	1197186	39.80	ng/ul	96
65) 4-Bromophenyl-phenylether	16.56	248	462115	39.97	ng/ul#	84
66) Hexachlorobenzene	16.69	284	512616	41.36	ng/ul#	89
68) Pentachlorophenol	17.03	266	294965	39.99	ng/ul	98
69) Phenanthrene	17.42	178	2131742	38.69	ng/ul	94
71) Anthracene	17.51	178	2199696	39.02	ng/ul	94
74) Carbazole	17.77	167	2024352	41.77	ng/ul	95
75) Di-n-butylphthalate	18.32	149	2290074	40.09	ng/ul	97
76) Fluoranthene	19.42	202	2508032	42.60	ng/ul	97
79) Pyrene	19.78	202	2578983	39.36	ng/ul	94
80) Butylbenzylphthalate	20.65	149	1105632	42.66	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.51	252	921690	45.13	ng/ul	99
82) Benzo(a)anthracene	21.60	228	2530816	39.76	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.50	149	1553373	41.94	ng/ul#	91
84) Chrysene	21.67	228	2318226	39.39	ng/ul	94
86) Di-n-octyl phthalate	22.69	149	2661472	43.37	ng/ul#	98
87) Benzo(b)fluoranthene	23.78	252	2661371	39.32	ng/ul	97
88) Benzo(k)fluoranthene	23.85	252	2581891	39.95	ng/ul	97
90) Benzo(a)pyrene	24.64	252	2623484	40.08	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.42	276	3233429	40.96	ng/ul#	94
92) Dibenzo(a,h)anthracene	28.47	278	2726080	41.37	ng/ul	97
93) Benzo(g,h,i)perylene	29.55	276	2689945	40.97	ng/ul	97

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

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