Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030900.D
Acq On : 10 Nov 2017 3:43
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02052

Quant Time: Nov 10 04:36:16 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 03:42:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	68393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	309953	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	199070	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	455731	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	473006	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	486704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	11113	6.60	ng/uL	0.00
5) Phenol-d5	7.32	99	105244	16.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	59885	14.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	86554	18.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	91645	17.29	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	42891	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	51310	22.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	101026	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	121858	20.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	296199	17.40	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	382347	18.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	48326	15.38	ng/ul	0.00
57) Fluorene-d10	15.76	176	282034	20.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	30911	13.90	ng/ul	0.00
70) Anthracene-d10	17.61	188	414306	19.22	ng/ul	0.00
76) Pyrene-d10	19.89	212	446849	18.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	432394	18.76	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	11751	5.727	ng/uL#	76
4) Benzaldehyde	7.29	77	66846	16.481	ng/ul	89
6) Phenol	7.35	94	110989	16.340	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.56	93	81045	15.675	ng/ul	87
10) 2-Chlorophenol	7.72	128	84531	17.857	ng/ul	92
11) 2-Methylphenol	8.60	108	82804	16.306	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.68	45	127499	16.825	ng/ul#	95
14) Acetophenone	8.97	105	133763	16.521	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.96	70	67752	15.101	ng/ul#	96
16) 4-Methylphenol	8.93	108	89633	16.201	ng/ul	96
17) Hexachloroethane	9.24	117	34369	18.184	ng/ul	89
20) Nitrobenzene	9.36	77	100510	16.568	ng/ul#	89
21) Isophorone	9.89	82	191863	14.968	ng/ul	97
23) 2-Nitrophenol	10.08	139	54428	21.513	ng/ul#	78
24) 2,4-Dimethylphenol	10.14	107	105962	17.223	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.36	93	115257	14.938	ng/ul#	95
27) 2,4-Dichlorophenol	10.63	162	97856	19.670	ng/ul	95
28) Naphthalene	11.02	128	281685	17.175	ng/ul	98
30) 4-Chloroaniline	11.13	127	119516	20.234	ng/ul	92
31) Hexachlorobutadiene	11.30	225	75134	24.177	ng/ul	96
32) Caprolactam	11.89	113	34378	16.146	ng/ul	87
33) 4-Chloro-3-methylphenol	12.25	107	101842	17.448	ng/ul#	87
34) 2-Methylnaphthalene	12.61	142	222118	16.361	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	145104	24.597 ng/ul#	94
37) Hexachlorocyclopentadiene	12.95	237	23291	7.490 ng/ul	93
38) 2,4,6-Trichlorophenol	13.22	196	93867	22.967 ng/ul	98
39) 2,4,5-Trichlorophenol	13.31	196	100613	23.316 ng/ul	99
40) 1,1'-Biphenyl	13.61	154	292999	17.852 ng/ul	95
41) 2-Chloronaphthalene	13.66	162	234972	18.914 ng/ul	95
42) 2-Nitroaniline	13.86	65	65478	16.825 ng/ul#	79
44) Dimethylphthalate	14.22	163	298349	17.973 ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	65735	22.639 ng/ul#	84
47) Acenaphthylene	14.50	152	362162	17.153 ng/ul	95
48) 3-Nitroaniline	14.67	138	66233	21.053 ng/ul#	77
49) Acenaphthene	14.84	153	247034	17.102 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	15252	9.814 ng/ul#	78
52) 4-Nitrophenol	15.00	109	38332	16.168 ng/ul	93
53) Dibenzofuran	15.17	168	362568	18.359 ng/ul	96
54) 2,4-Dinitrotoluene	15.14	165	94707	22.309 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.40	232	91211	24.037 ng/ul#	84
56) Diethylphthalate	15.57	149	296606	17.340 ng/ul	98
58) Fluorene	15.82	166	289339	18.366 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.80	204	166299	22.436 ng/ul	89
60) 4-Nitroaniline	15.84	138	72064	18.633 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.90	198	31991	13.611 ng/ul#	83
64) N-Nitrosodiphenylamine	16.01	169	258458	19.014 ng/ul	99
65) 4-Bromophenyl-phenylether	16.70	248	114577	24.921 ng/ul#	91
66) Hexachlorobenzene	16.82	284	120529	25.622 ng/ul	91
67) Atrazine	16.96	200	110199	21.348 ng/ul	96
68) Pentachlorophenol	17.17	266	55890	19.942 ng/ul	98
69) Phenanthrene	17.56	178	450316	18.279 ng/ul	98
71) Anthracene	17.65	178	467038	18.374 ng/ul	99
72) Carbazole	17.92	167	406854	17.806 ng/ul	97
73) Di-n-butylphthalate	18.45	149	481642	17.544 ng/ul	98
74) Fluoranthene	19.56	202	540061	19.615 ng/ul	97
77) Pyrene	19.92	202	545706	17.214 ng/ul	96
78) Butylbenzylphthalate	20.78	149	205922	16.020 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.67	252	162686	18.795 ng/ul#	98
80) Benzo(a)anthracene	21.77	228	559151	18.863 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.65	149	292796	15.719 ng/ul#	98
82) Chrysene	21.84	228	506304	18.798 ng/ul	98
84) Di-n-octyl phthalate	22.88	149	495533	15.217 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	565184	19.343 ng/ul#	96
86) Benzo(k)fluoranthene	24.12	252	528016	18.691 ng/ul#	95
88) Benzo(a)pyrene	24.95	252	537909	18.913 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.92	276	636458	19.779 ng/ul	93
90) Dibenzo(a,h)anthracene	28.97	278	535574	20.036 ng/ul	97
91) Benzo(g,h,i)perylene	30.11	276	521701	19.559 ng/ul	97

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

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