Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030849.D
Acq On : 8 Nov 2017 17:14
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02096

Quant Time: Nov 09 03:04:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	293189	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	189550	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	457684	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	507237	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	522156	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	10685	6.69	ng/uL	0.00
5) Phenol-d5	7.31	99	104258	16.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	58514	15.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	83478	18.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	88827	17.64	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	41433	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	48830	22.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	93936	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	115612	20.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	280479	17.31	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	362028	18.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	46356	15.49	ng/ul	0.00
57) Fluorene-d10	15.76	176	269046	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	45404	20.32	ng/ul	0.00
70) Anthracene-d10	17.61	188	408336	18.86	ng/ul	0.00
76) Pyrene-d10	19.89	212	477434	18.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	460231	18.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	11728	6.017	ng/uL#	76
4) Benzaldehyde	7.28	77	64543	16.753	ng/ul	94
6) Phenol	7.34	94	106921	16.572	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.55	93	79028	16.091	ng/ul	90
10) 2-Chlorophenol	7.71	128	83991	18.680	ng/ul	92
11) 2-Methylphenol	8.59	108	80476	16.684	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.68	45	123129	17.106	ng/ul	99
14) Acetophenone	8.97	105	127513	16.581	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.95	70	65256	15.312	ng/ul#	92
16) 4-Methylphenol	8.92	108	87117	16.577	ng/ul	98
17) Hexachloroethane	9.23	117	31872	17.753	ng/ul	90
20) Nitrobenzene	9.36	77	95506	16.643	ng/ul#	87
21) Isophorone	9.87	82	182955	15.090	ng/ul	94
23) 2-Nitrophenol	10.07	139	50628	21.155	ng/ul#	76
24) 2,4-Dimethylphenol	10.13	107	99223	17.050	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.36	93	112196	15.373	ng/ul#	98
27) 2,4-Dichlorophenol	10.62	162	93627	19.896	ng/ul	96
28) Naphthalene	11.01	128	271725	17.515	ng/ul	98
30) 4-Chloroaniline	11.12	127	115770	20.721	ng/ul	100
31) Hexachlorobutadiene	11.30	225	66485	22.617	ng/ul	98
32) Caprolactam	11.87	113	33551	16.659	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.24	107	95330	17.266	ng/ul#	93
34) 2-Methylnaphthalene	12.61	142	213027	16.588	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	127654	22.726	ng/ul#	93
37) Hexachlorocyclopentadiene	12.95	237	27290	9.217	ng/ul	94
38) 2,4,6-Trichlorophenol	13.21	196	83644	21.494	ng/ul	98
39) 2,4,5-Trichlorophenol	13.29	196	88257	21.480	ng/ul	99
40) 1,1'-Biphenyl	13.61	154	274518	17.566	ng/ul	99
41) 2-Chloronaphthalene	13.65	162	224176	18.951	ng/ul	96
42) 2-Nitroaniline	13.85	65	61426	16.577	ng/ul#	77
44) Dimethylphthalate	14.21	163	281101	17.784	ng/ul	98
45) 2,6-Dinitrotoluene	14.34	165	61351	22.191	ng/ul#	84
47) Acenaphthylene	14.49	152	348494	17.334	ng/ul	97
48) 3-Nitroaniline	14.68	138	61888	20.660	ng/ul	82
49) Acenaphthene	14.83	153	237786	17.288	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	22619	15.286	ng/ul#	82
52) 4-Nitrophenol	14.99	109	34608	15.330	ng/ul#	81
53) Dibenzofuran	15.17	168	348603	18.539	ng/ul	92
54) 2,4-Dinitrotoluene	15.13	165	89657	22.180	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.40	232	79425	21.983	ng/ul#	89
56) Diethylphthalate	15.57	149	284070	17.441	ng/ul	97
58) Fluorene	15.82	166	278667	18.577	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	153225	21.710	ng/ul	92
60) 4-Nitroaniline	15.83	138	68583	18.624	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.90	198	48189	20.415	ng/ul#	77
64) N-Nitrosodiphenylamine	16.01	169	249952	18.310	ng/ul	99
65) 4-Bromophenyl-phenylether	16.69	248	104238	22.575	ng/ul#	90
66) Hexachlorobenzene	16.82	284	114170	24.167	ng/ul	89
67) Atrazine	16.95	200	102155	19.705	ng/ul	98
68) Pentachlorophenol	17.17	266	51222	18.199	ng/ul	93
69) Phenanthrene	17.55	178	456307	18.443	ng/ul	99
71) Anthracene	17.64	178	471446	18.468	ng/ul	98
72) Carbazole	17.91	167	423447	18.453	ng/ul	98
73) Di-n-butylphthalate	18.45	149	510305	18.509	ng/ul#	98
74) Fluoranthene	19.55	202	575358	20.807	ng/ul	99
77) Pyrene	19.91	202	583070	17.151	ng/ul	96
78) Butylbenzylphthalate	20.78	149	235941	17.117	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.67	252	210487	22.677	ng/ul#	98
80) Benzo(a)anthracene	21.76	228	593053	18.656	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	335060	16.774	ng/ul#	99
82) Chrysene	21.83	228	543424	18.815	ng/ul	99
84) Di-n-octyl phthalate	22.88	149	582214	16.665	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	613054	19.557	ng/ul#	95
86) Benzo(k)fluoranthene	24.11	252	579124	19.108	ng/ul#	98
88) Benzo(a)pyrene	24.94	252	587299	19.248	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.90	276	703151	20.368	ng/ul	99
90) Dibenzo(a,h)anthracene	28.95	278	591699	20.632	ng/ul	97
91) Benzo(g,h,i)perylene	30.08	276	575450	20.110	ng/ul	95

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

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