Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030805.D
Acq On : 7 Nov 2017 9:55
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02090

Quant Time: Nov 07 13:02:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 08:04:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	347559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	222735	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	503695	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	498006	20.00	ng/ul	0.01
83) Perylene-d12	25.11	264	526624	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	11973	6.39	ng/uL	0.00
5) Phenol-d5	7.32	99	117146	16.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	66924	14.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	95650	18.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	100123	16.97	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	46756	18.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	54622	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	110629	18.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	131720	19.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	320016	16.81	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	425765	18.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	52885	15.04	ng/ul	0.00
57) Fluorene-d10	15.77	176	306590	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11326	4.61	ng/ul	0.00
70) Anthracene-d10	17.62	188	443416	18.61	ng/ul	0.00
76) Pyrene-d10	19.89	212	462455	17.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	460290	18.45	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13533	5.927	ng/uL	93
4) Benzaldehyde	7.29	77	73946	16.382	ng/ul	95
6) Phenol	7.35	94	121468	16.070	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.56	93	90819	15.784	ng/ul	89
10) 2-Chlorophenol	7.72	128	96627	18.343	ng/ul	90
11) 2-Methylphenol	8.60	108	92365	16.344	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.69	45	145651	17.271	ng/ul#	96
14) Acetophenone	8.98	105	144981	16.091	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.96	70	75238	15.069	ng/ul#	95
16) 4-Methylphenol	8.93	108	102732	16.686	ng/ul	99
17) Hexachloroethane	9.25	117	36075	17.151	ng/ul	84
20) Nitrobenzene	9.37	77	108770	15.990	ng/ul#	83
21) Isophorone	9.89	82	212283	14.770	ng/ul	97
23) 2-Nitrophenol	10.08	139	56439	19.894	ng/ul#	81
24) 2,4-Dimethylphenol	10.13	107	113350	16.430	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.36	93	128212	14.819	ng/ul#	97
27) 2,4-Dichlorophenol	10.63	162	106340	19.063	ng/ul	98
28) Naphthalene	11.03	128	320994	17.454	ng/ul	98
30) 4-Chloroaniline	11.13	127	129741	19.589	ng/ul	99
31) Hexachlorobutadiene	11.30	225	79744	22.884	ng/ul	97
32) Caprolactam	11.88	113	37124	15.549	ng/ul	95
33) 4-Chloro-3-methylphenol	12.25	107	111337	17.010	ng/ul#	89
34) 2-Methylnaphthalene	12.62	142	248558	16.327	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	150202	22.756	ng/ul	95
37) Hexachlorocyclopentadiene	12.96	237	5836	1.677	ng/ul	91
38) 2,4,6-Trichlorophenol	13.22	196	98342	21.506	ng/ul	97
39) 2,4,5-Trichlorophenol	13.30	196	105275	21.804	ng/ul	96
40) 1,1'-Biphenyl	13.61	154	327853	17.853	ng/ul	98
41) 2-Chloronaphthalene	13.66	162	265687	19.114	ng/ul	95
42) 2-Nitroaniline	13.86	65	72574	16.667	ng/ul#	82
44) Dimethylphthalate	14.22	163	323690	17.427	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	68308	21.026	ng/ul#	84
47) Acenaphthylene	14.50	152	409377	17.329	ng/ul	96
48) 3-Nitroaniline	14.67	138	72234	20.521	ng/ul	84
49) Acenaphthene	14.84	153	281945	17.445	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	3711	2.134	ng/ul#	79
52) 4-Nitrophenol	14.99	109	39611	14.932	ng/ul#	81
53) Dibenzofuran	15.17	168	402815	18.230	ng/ul	92
54) 2,4-Dinitrotoluene	15.14	165	94945	19.989	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.40	232	95289	22.444	ng/ul#	89
56) Diethylphthalate	15.57	149	324973	16.980	ng/ul	97
58) Fluorene	15.82	166	323219	18.336	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.80	204	175794	21.197	ng/ul	91
60) 4-Nitroaniline	15.83	138	77344	17.874	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.90	198	11508	4.430	ng/ul#	78
64) N-Nitrosodiphenylamine	16.02	169	281900	18.764	ng/ul	96
65) 4-Bromophenyl-phenylether	16.70	248	115452	22.720	ng/ul	93
66) Hexachlorobenzene	16.83	284	124034	23.856	ng/ul	90
67) Atrazine	16.96	200	112746	19.762	ng/ul	97
68) Pentachlorophenol	17.17	266	59065	19.068	ng/ul	96
69) Phenanthrene	17.56	178	500432	18.378	ng/ul	99
71) Anthracene	17.65	178	515861	18.362	ng/ul	99
72) Carbazole	17.92	167	448055	17.742	ng/ul	97
73) Di-n-butylphthalate	18.46	149	541665	17.852	ng/ul	99
74) Fluoranthene	19.56	202	567298	18.642	ng/ul	99
77) Pyrene	19.92	202	576620	17.276	ng/ul	99
78) Butylbenzylphthalate	20.78	149	226616	16.745	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.68	252	209670	23.007	ng/ul#	97
80) Benzo(a)anthracene	21.77	228	592892	18.997	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.65	149	334577	17.060	ng/ul#	99
82) Chrysene	21.84	228	530955	18.724	ng/ul	97
84) Di-n-octyl phthalate	22.89	149	589516	16.731	ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	593093	18.760	ng/ul	98
86) Benzo(k)fluoranthene	24.12	252	571146	18.685	ng/ul	97
88) Benzo(a)pyrene	24.96	252	574705	18.675	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.92	276	644849	18.521	ng/ul	98
90) Dibenzo(a,h)anthracene	28.97	278	546704	18.902	ng/ul	96
91) Benzo(g,h,i)perylene	30.10	276	473393	16.403	ng/ul	97

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

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