Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029418.D
Acq On : 24 Oct 2017 9:38
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02071

Quant Time: Oct 24 14:22:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	67552	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	306978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	210476	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	533643	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	599591	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	612454	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	13431	8.08	ng/uL	0.00
5) Phenol-d5	7.31	99	123454	19.04	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	69874	17.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	97619	21.34	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	103004	19.67	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	47140	21.39	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	54200	24.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	108940	21.17	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	141658	23.70	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	357175	19.85	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	433481	19.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	53610	16.14	ng/ul	-0.01
57) Fluorene-d10	15.77	176	333969	22.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	35722	13.71	ng/ul	0.00
70) Anthracene-d10	17.62	188	527010	20.88	ng/ul	-0.01
76) Pyrene-d10	19.89	212	628051	20.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	586087	20.20	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	15390	7.594	ng/uL	88
4) Benzaldehyde	7.29	77	70730	17.655	ng/ul	95
6) Phenol	7.34	94	125279	18.674	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.58	93	90371	17.696	ng/ul	90
10) 2-Chlorophenol	7.73	128	92572	19.800	ng/ul#	89
11) 2-Methylphenol	8.60	108	90701	18.083	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.70	45	144513	19.307	ng/ul	98
14) Acetophenone	8.99	105	144707	18.096	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.97	70	75162	16.961	ng/ul	97
16) 4-Methylphenol	8.93	108	104404	19.106	ng/ul	95
17) Hexachloroethane	9.26	117	34569	18.517	ng/ul	92
20) Nitrobenzene	9.37	77	106075	17.655	ng/ul#	83
21) Isophorone	9.89	82	208469	16.422	ng/ul	97
23) 2-Nitrophenol	10.09	139	55270	22.058	ng/ul#	77
24) 2,4-Dimethylphenol	10.14	107	113403	18.611	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.37	93	130118	17.027	ng/ul#	98
27) 2,4-Dichlorophenol	10.63	162	105957	21.505	ng/ul	96
28) Naphthalene	11.03	128	300847	18.521	ng/ul	99
30) 4-Chloroaniline	11.13	127	135163	23.105	ng/ul	94
31) Hexachlorobutadiene	11.32	225	66466	21.595	ng/ul	97
32) Caprolactam	11.88	113	39525	18.743	ng/ul	88
33) 4-Chloro-3-methylphenol	12.25	107	116223	20.104	ng/ul#	90
34) 2-Methylnaphthalene	12.62	142	241251	17.942	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.99	216	138067	22.136 ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	60398	18.370 ng/ul	96
38) 2,4,6-Trichlorophenol	13.22	196	98048	22.690 ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	107629	23.590 ng/ul	98
40) 1,1'-Biphenyl	13.62	154	326069	18.790 ng/ul	95
41) 2-Chloronaphthalene	13.66	162	256635	19.538 ng/ul	95
42) 2-Nitroaniline	13.86	65	77715	18.888 ng/ul#	85
44) Dimethylphthalate	14.23	163	345621	19.692 ng/ul	97
45) 2,6-Dinitrotoluene	14.35	165	70920	23.101 ng/ul#	85
47) Acenaphthylene	14.51	152	410408	18.384 ng/ul	97
48) 3-Nitroaniline	14.68	138	72611	21.830 ng/ul#	81
49) Acenaphthene	14.84	153	279310	18.288 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	7106	4.325 ng/ul#	88
52) 4-Nitrophenol	14.98	109	41162	16.420 ng/ul#	87
53) Dibenzofuran	15.18	168	413603	19.808 ng/ul	94
54) 2,4-Dinitrotoluene	15.13	165	104941	23.380 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.40	232	98594	24.575 ng/ul#	92
56) Diethylphthalate	15.58	149	358187	19.805 ng/ul	98
58) Fluorene	15.83	166	334207	20.064 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.81	204	182235	23.253 ng/ul	89
60) 4-Nitroaniline	15.84	138	74626	18.250 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.90	198	38098	13.842 ng/ul#	80
64) N-Nitrosodiphenylamine	16.03	169	304280	19.117 ng/ul	98
65) 4-Bromophenyl-phenylether	16.71	248	121619	22.590 ng/ul	91
66) Hexachlorobenzene	16.83	284	131139	23.808 ng/ul	92
67) Atrazine	16.97	200	123116	20.368 ng/ul	98
68) Pentachlorophenol	17.17	266	55119	16.796 ng/ul	95
69) Phenanthrene	17.56	178	564000	19.551 ng/ul	99
71) Anthracene	17.65	178	581431	19.535 ng/ul	99
72) Carbazole	17.92	167	527775	19.726 ng/ul	98
73) Di-n-butylphthalate	18.46	149	624100	19.414 ng/ul	98
74) Fluoranthene	19.56	202	719757	22.325 ng/ul	99
77) Pyrene	19.92	202	735939	18.314 ng/ul	98
78) Butylbenzylphthalate	20.79	149	295843	18.157 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.68	252	248493	22.648 ng/ul#	99
80) Benzo(a)anthracene	21.77	228	747552	19.894 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	419836	17.780 ng/ul#	98
82) Chrysene	21.84	228	685654	20.082 ng/ul	97
84) Di-n-octyl phthalate	22.91	149	707471	17.265 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	742553	20.196 ng/ul	97
86) Benzo(k)fluoranthene	24.12	252	724286	20.374 ng/ul	98
88) Benzo(a)pyrene	24.95	252	716670	20.025 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.88	276	834281	20.604 ng/ul	99
90) Dibenzo(a,h)anthracene	28.95	278	690425	20.525 ng/ul	95
91) Benzo(g,h,i)perylene	30.07	276	694293	20.686 ng/ul#	94

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

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