Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025719.D
Acq On : 31 Jan 2017 16:26
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02024

Quant Time: Feb 01 02:35:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 11:48:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	307667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	243860	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	561779	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	746225	20.00	ng/ul	-0.01
83) Perylene-d12	25.22	264	780106	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	9931	6.97	ng/uL	0.00
5) Phenol-d5	7.33	99	114355	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	87252	22.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	82063	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	95597	18.42	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	39733	18.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	52158	20.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	97898	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	120299	20.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	330516	19.19	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	375402	20.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	36282	15.38	ng/ul	0.00
57) Fluorene-d10	15.79	176	313491	19.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	64701	18.67	ng/ul	0.00
70) Anthracene-d10	17.65	188	479716	20.06	ng/ul	0.00
76) Pyrene-d10	19.92	212	635024	20.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	632569	19.29	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	13363	7.95	ng/uL	92
4) Benzaldehyde	7.31	77	96271	22.90	ng/ul	92
6) Phenol	7.36	94	125096	19.50	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.58	93	95286	20.80	ng/ul	96
10) 2-Chlorophenol	7.73	128	82810	19.41	ng/ul	94
11) 2-Methylphenol	8.62	108	89832	18.80	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.69	45	196065	22.53	ng/ul#	94
14) Acetophenone	9.00	105	155516	19.18	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.97	70	93763	19.33	ng/ul#	94
16) 4-Methylphenol	8.96	108	96108	18.35	ng/ul	93
17) Hexachloroethane	9.26	117	43009	21.66	ng/ul#	79
20) Nitrobenzene	9.40	77	135215	19.37	ng/ul	99
21) Isophorone	9.91	82	265931	20.28	ng/ul#	97
23) 2-Nitrophenol	10.11	139	53095	19.98	ng/ul#	90
24) 2,4-Dimethylphenol	10.16	107	122618	19.14	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.38	93	135859	20.54	ng/ul	94
27) 2,4-Dichlorophenol	10.66	162	95089	19.07	ng/ul	97
28) Naphthalene	11.05	128	291578	20.53	ng/ul	96
30) 4-Chloroaniline	11.17	127	118410	20.48	ng/ul	94
31) Hexachlorobutadiene	11.30	225	78894	18.11	ng/ul	93
32) Caprolactam	11.94	113	40097	19.13	ng/ul	85
33) 4-Chloro-3-methylphenol	12.29	107	113430	18.73	ng/ul	93
34) 2-Methylnaphthalene	12.64	142	221998	19.14	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	140058	19.07	ng/ul	98
37) Hexachlorocyclopentadiene	12.96	237	55308	19.08	ng/ul	93
38) 2,4,6-Trichlorophenol	13.25	196	83287	18.73	ng/ul	98
39) 2,4,5-Trichlorophenol	13.34	196	94883	20.35	ng/ul	86
40) 1,1'-Biphenyl	13.63	154	306763	20.30	ng/ul#	98
41) 2-Chloronaphthalene	13.69	162	237860	20.28	ng/ul	99
42) 2-Nitroaniline	13.91	65	97418	19.16	ng/ul#	82
44) Dimethylphthalate	14.24	163	322343	19.04	ng/ul	98
45) 2,6-Dinitrotoluene	14.39	165	71113	20.40	ng/ul#	93
47) Acenaphthylene	14.53	152	366054	20.21	ng/ul	97
48) 3-Nitroaniline	14.73	138	64201	20.36	ng/ul#	92
49) Acenaphthene	14.86	153	256613	19.89	ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	36728	17.93	ng/ul	98
52) 4-Nitrophenol	15.05	109	49772	15.23	ng/ul	98
53) Dibenzofuran	15.20	168	381194	19.23	ng/ul	100
54) 2,4-Dinitrotoluene	15.19	165	101028	19.00	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.43	232	84591	17.15	ng/ul	94
56) Diethylphthalate	15.59	149	346161	18.91	ng/ul	97
58) Fluorene	15.84	166	317498	19.61	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	164187	17.98	ng/ul	86
60) 4-Nitroaniline	15.90	138	64309	21.07	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.95	198	64952	18.18	ng/ul#	99
64) N-Nitrosodiphenylamine	16.04	169	284551	19.65	ng/ul	91
65) 4-Bromophenyl-phenylether	16.72	248	124055	19.03	ng/ul	97
66) Hexachlorobenzene	16.85	284	136816	18.46	ng/ul	95
67) Atrazine	16.98	200	134615	19.78	ng/ul	93
68) Pentachlorophenol	17.20	266	48980	15.89	ng/ul	98
69) Phenanthrene	17.59	178	555267	20.33	ng/ul	97
71) Anthracene	17.68	178	559018	20.36	ng/ul	98
72) Carbazole	17.96	167	497053	21.83	ng/ul	99
73) Di-n-butylphthalate	18.47	149	630383	21.42	ng/ul	99
74) Fluoranthene	19.59	202	732985	22.74	ng/ul	98
77) Pyrene	19.95	202	750574	20.45	ng/ul#	97
78) Butylbenzylphthalate	20.80	149	316991	22.21	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.72	252	291869	21.32	ng/ul#	92
80) Benzo(a)anthracene	21.82	228	813659	20.63	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.65	149	437479	21.96	ng/ul	98
82) Chrysene	21.88	228	757099	20.42	ng/ul	98
84) Di-n-octyl phthalate	22.90	149	755078	22.55	ng/ul	100
85) Benzo(b)fluoranthene	24.13	252	776529	19.23	ng/ul#	98
86) Benzo(k)fluoranthene	24.20	252	741351	19.57	ng/ul#	98
88) Benzo(a)pyrene	25.05	252	764191	20.01	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.11	276	921433	19.05	ng/ul	99
90) Dibenzo(a,h)anthracene	29.16	278	758692	18.83	ng/ul	95
91) Benzo(g,h,i)perylene	30.34	276	756206	19.04	ng/ul	98

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

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