Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051017\
Data File : BG026935.D
Acq On : 10 May 2017 12:57
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02083

Quant Time: May 10 13:41:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	171271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	852162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	450685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	846807	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	752935	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	808458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	26312	6.92	ng/uL	0.00
5) Phenol-d5	7.18	99	333719	21.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	198074	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	272784	21.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	277954	21.91	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	142361	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	151621	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	248733	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	356884	21.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	713869	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	941722	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	108430	16.58	ng/ul	0.00
57) Fluorene-d10	15.60	176	614535	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	77689	15.11	ng/ul	0.00
70) Anthracene-d10	17.45	188	819196	19.93	ng/ul	0.00
76) Pyrene-d10	19.73	212	775477	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	783169	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	28846	6.65	ng/uL#	80
4) Benzaldehyde	7.14	77	144679	19.59	ng/ul#	64
6) Phenol	7.21	94	347842	22.45	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	248776	20.80	ng/ul	95
10) 2-Chlorophenol	7.58	128	269004	21.07	ng/ul#	82
11) 2-Methylphenol	8.46	108	265176	21.62	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.53	45	309245	24.77	ng/ul#	92
14) Acetophenone	8.82	105	398677	21.40	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.80	70	188353	20.49	ng/ul#	73
16) 4-Methylphenol	8.78	108	292633	21.82	ng/ul	100
17) Hexachloroethane	9.09	117	100857	21.00	ng/ul#	68
20) Nitrobenzene	9.20	77	286366	20.83	ng/ul#	76
21) Isophorone	9.73	82	527733	20.00	ng/ul#	90
23) 2-Nitrophenol	9.92	139	162885	20.00	ng/ul#	61
24) 2,4-Dimethylphenol	9.98	107	309165	20.82	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.20	93	354744	19.68	ng/ul#	94
27) 2,4-Dichlorophenol	10.46	162	250793	20.43	ng/ul	95
28) Naphthalene	10.85	128	880623	19.85	ng/ul	98
30) 4-Chloroaniline	10.96	127	340029	21.88	ng/ul	99
31) Hexachlorobutadiene	11.14	225	117772	18.97	ng/ul	94
32) Caprolactam	11.71	113	91908	20.03	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.09	107	288175	21.65	ng/ul#	83
34) 2-Methylnaphthalene	12.45	142	641178	19.48	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	234951	19.77	ng/ul#	95
37) Hexachlorocyclopentadiene	12.80	237	64774	12.37	ng/ul	95
38) 2,4,6-Trichlorophenol	13.06	196	166470	20.36	ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	171371	20.28	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	766986	20.24	ng/ul#	95
41) 2-Chloronaphthalene	13.50	162	581346	20.41	ng/ul	95
42) 2-Nitroaniline	13.70	65	187049	22.99	ng/ul#	80
44) Dimethylphthalate	14.06	163	689306	19.41	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	149828	19.99	ng/ul#	84
47) Acenaphthylene	14.34	152	953402	20.54	ng/ul	97
48) 3-Nitroaniline	14.52	138	166605	21.13	ng/ul#	80
49) Acenaphthene	14.68	153	639381	19.80	ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	56593	14.77	ng/ul#	73
52) 4-Nitrophenol	14.85	109	64979	16.94	ng/ul#	33
53) Dibenzofuran	15.01	168	847038	19.71	ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	210553	19.63	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.25	232	122315	18.43	ng/ul#	70
56) Diethylphthalate	15.42	149	736069	19.81	ng/ul	99
58) Fluorene	15.66	166	681527	19.43	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	293947	19.22	ng/ul	95
60) 4-Nitroaniline	15.68	138	169489	19.50	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.75	198	80090	14.96	ng/ul#	89
64) N-Nitrosodiphenylamine	15.86	169	565962	20.33	ng/ul	98
65) 4-Bromophenyl-phenylether	16.54	248	169505	20.06	ng/ul#	83
66) Hexachlorobenzene	16.67	284	174737	19.20	ng/ul#	88
67) Atrazine	16.81	200	177432	20.40	ng/ul#	92
68) Pentachlorophenol	17.01	266	72991	17.56	ng/ul	91
69) Phenanthrene	17.39	178	947435	19.86	ng/ul	98
71) Anthracene	17.49	178	977089	19.97	ng/ul	100
72) Carbazole	17.75	167	899595	21.74	ng/ul	99
73) Di-n-butylphthalate	18.30	149	1175453	21.83	ng/ul#	96
74) Fluoranthene	19.40	202	973786	21.99	ng/ul#	77
77) Pyrene	19.76	202	995812	19.71	ng/ul#	75
78) Butylbenzylphthalate	20.63	149	537331	22.90	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.50	252	310948	21.48	ng/ul#	94
80) Benzo(a)anthracene	21.58	228	900498	20.45	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	770938	23.03	ng/ul#	99
82) Chrysene	21.65	228	827744	20.23	ng/ul	97
84) Di-n-octyl phthalate	22.66	149	1343162	24.18	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	947066	20.50	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	917951	20.22	ng/ul#	92
88) Benzo(a)pyrene	24.62	252	930002	20.45	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.37	276	985720	18.29	ng/ul#	80
90) Dibenzo(a,h)anthracene	28.42	278	860395	18.83	ng/ul#	87
91) Benzo(g,h,i)perylene	29.49	276	696627	15.58	ng/ul#	80

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

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