Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
Data File : BG025828.D
Acq On : 10 Feb 2017 13:37
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV10

Quant Time: Feb 10 14:20:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 14:16:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	79538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	395229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	288697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	632618	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	642849	20.00	ng/ul	0.00
85) Perylene-d12	24.89	264	627582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	14765	8.29	ng/uL	0.00
5) Phenol-d5	7.24	99	150449	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	91929	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	116386	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	124599	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	55469	21.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	62204	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	122559	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	167145	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	445208	21.04	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	510552	20.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	87331	21.60	ng/ul	0.00
57) Fluorene-d10	15.68	176	387362	20.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	66843	20.71	ng/ul	0.00
70) Anthracene-d10	17.52	188	600260	20.91	ng/ul	0.00
78) Pyrene-d10	19.79	212	653650	21.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.67	264	581889	20.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	15565	8.30	ng/uL#	69
4) Benzaldehyde	7.23	77	99060	21.62	ng/ul	98
6) Phenol	7.26	94	155975	19.92	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.50	93	118661	20.38	ng/ul#	83
10) 2-Chlorophenol	7.65	128	112320	20.29	ng/ul#	87
11) 2-Methylphenol	8.52	108	120138	20.00	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.63	45	165644	20.23	ng/ul#	88
14) Acetophenone	8.91	105	193558	20.65	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.89	70	100369	21.39	ng/ul	92
16) 4-Methylphenol	8.84	108	133810	19.91	ng/ul	98
17) Hexachloroethane	9.18	117	41407	20.78	ng/ul	97
20) Nitrobenzene	9.28	77	129152	21.55	ng/ul	99
21) Isophorone	9.81	82	284369	21.14	ng/ul#	97
23) 2-Nitrophenol	10.00	139	67074	22.63	ng/ul#	93
24) 2,4-Dimethylphenol	10.05	107	141279	21.10	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.29	93	172279	20.82	ng/ul	100
27) 2,4-Dichlorophenol	10.53	162	121313	21.11	ng/ul	99
28) Naphthalene	10.94	128	401034	20.60	ng/ul	99
30) 4-Chloroaniline	11.04	127	161070	22.31	ng/ul	97
31) Hexachlorobutadiene	11.23	225	66842	20.33	ng/ul	98
32) Caprolactam	11.79	113	48655	20.94	ng/ul#	56
33) 4-Chloro-3-methylphenol	12.14	107	140736	21.13	ng/ul	94
34) 2-Methylnaphthalene	12.54	142	319748	20.90	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	145596	20.68	ng/ul	99
37) Hexachlorocyclopentadiene	12.89	237	82943	20.15	ng/ul	97
38) 2,4,6-Trichlorophenol	13.13	196	97791	21.23	ng/ul	97
39) 2,4,5-Trichlorophenol	13.20	196	108033	21.13	ng/ul	98
40) 1,1'-Biphenyl	13.53	154	422470	20.48	ng/ul	96
41) 2-Chloronaphthalene	13.58	162	307933	20.58	ng/ul	94
42) 2-Nitroaniline	13.77	65	92281	22.25	ng/ul	89
44) Dimethylphthalate	14.14	163	427139	20.90	ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	83749	23.57	ng/ul	98
47) Acenaphthylene	14.41	152	523451	21.05	ng/ul	98
48) 3-Nitroaniline	14.58	138	90951	22.62	ng/ul	95
49) Acenaphthene	14.75	153	365953	20.68	ng/ul	99
50) 2,4-Dinitrophenol	14.78	184	41528	20.57	ng/ul#	55
52) 4-Nitrophenol	14.87	109	51617	21.43	ng/ul#	56
53) Dibenzofuran	15.09	168	513609	20.56	ng/ul	92
54) 2,4-Dinitrotoluene	15.04	165	122641	23.59	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.31	232	100388	21.11	ng/ul	98
56) Diethylphthalate	15.50	149	444472	20.95	ng/ul	98
58) Fluorene	15.73	166	433781	20.84	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.72	204	200289	20.68	ng/ul	89
60) 4-Nitroaniline	15.73	138	104901	22.06	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.79	198	72193	20.86	ng/ul#	94
64) N-Nitrosodiphenylamine	15.93	169	381368	20.87	ng/ul	96
65) 4-Bromophenyl-phenylether	16.62	248	129758	20.64	ng/ul#	87
66) Hexachlorobenzene	16.73	284	135630	20.40	ng/ul	96
67) Atrazine	16.87	200	141062	21.38	ng/ul	95
68) Pentachlorophenol	17.07	266	84079	20.03	ng/ul	98
69) Phenanthrene	17.46	178	705892	20.73	ng/ul	98
71) Anthracene	17.56	178	716083	20.96	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	139983	20.23	ng/uL	98
73) Pentachlorobenzene	15.01	250	146661	20.20	ng/uL	99
74) Carbazole	17.81	167	674480	21.93	ng/ul	97
75) Di-n-butylphthalate	18.38	149	748961	21.31	ng/ul	100
76) Fluoranthene	19.47	202	796336	22.52	ng/ul	97
79) Pyrene	19.82	202	819483	21.15	ng/ul	95
80) Butylbenzylphthalate	20.71	149	308379	21.51	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.57	252	253966	21.94	ng/ul	99
82) Benzo(a)anthracene	21.66	228	763111	21.10	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	459566	21.50	ng/ul#	97
84) Chrysene	21.72	228	719788	20.87	ng/ul	98
86) Di-n-octyl phthalate	22.79	149	772724	21.17	ng/ul	98
87) Benzo(b)fluoranthene	23.87	252	753206	20.65	ng/ul	99
88) Benzo(k)fluoranthene	23.94	252	734157	20.90	ng/ul	98
90) Benzo(a)pyrene	24.74	252	740021	21.19	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.55	276	843878	20.47	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.61	278	702490	20.61	ng/ul	99
93) Benzo(g,h,i)perylene	29.69	276	699664	20.47	ng/ul	98

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

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