Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
Data File : BG026933.D
Acq On : 10 May 2017 4:51
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02082

Quant Time: May 10 05:25:39 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	213680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	1018124	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	538161	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	986314	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	864150	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	940005	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	31996	6.74	ng/uL	0.00
5) Phenol-d5	7.19	99	408373	21.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	242832	21.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	330023	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	338409	21.38	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	170933	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	186826	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	304971	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	433982	22.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	828511	19.13	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1105174	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	133547	17.11	ng/ul	0.00
57) Fluorene-d10	15.60	176	723658	19.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	92300	15.41	ng/ul	0.00
70) Anthracene-d10	17.46	188	958317	20.02	ng/ul	0.00
76) Pyrene-d10	19.74	212	900078	19.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	896903	20.18	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	35067	6.48	ng/uL#	83
4) Benzaldehyde	7.14	77	176017	19.10	ng/ul#	70
6) Phenol	7.21	94	422933	21.88	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.42	93	299778	20.09	ng/ul	93
10) 2-Chlorophenol	7.58	128	321007	20.15	ng/ul#	84
11) 2-Methylphenol	8.45	108	323766	21.16	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	372642	23.93	ng/ul#	91
14) Acetophenone	8.82	105	480685	20.68	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.81	70	227469	19.83	ng/ul#	72
16) 4-Methylphenol	8.78	108	350733	20.96	ng/ul	99
17) Hexachloroethane	9.09	117	119898	20.01	ng/ul#	72
20) Nitrobenzene	9.21	77	345043	21.01	ng/ul#	77
21) Isophorone	9.73	82	634893	20.14	ng/ul#	90
23) 2-Nitrophenol	9.92	139	192338	19.77	ng/ul#	63
24) 2,4-Dimethylphenol	9.98	107	365494	20.60	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.21	93	425938	19.78	ng/ul#	94
27) 2,4-Dichlorophenol	10.46	162	297498	20.28	ng/ul	96
28) Naphthalene	10.86	128	1055996	19.92	ng/ul	98
30) 4-Chloroaniline	10.96	127	408279	21.99	ng/ul	92
31) Hexachlorobutadiene	11.14	225	144536	19.48	ng/ul	92
32) Caprolactam	11.72	113	110096	20.09	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.10	107	346480	21.78	ng/ul#	84
34) 2-Methylnaphthalene	12.46	142	765946	19.47	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	280960	19.80	ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	64046	10.25	ng/ul	95
38) 2,4,6-Trichlorophenol	13.07	196	203091	20.81	ng/ul	93
39) 2,4,5-Trichlorophenol	13.15	196	210757	20.89	ng/ul	98
40) 1,1'-Biphenyl	13.45	154	900795	19.91	ng/ul#	94
41) 2-Chloronaphthalene	13.50	162	684477	20.13	ng/ul	96
42) 2-Nitroaniline	13.70	65	225017	23.16	ng/ul#	76
44) Dimethylphthalate	14.07	163	809188	19.08	ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	180656	20.19	ng/ul#	81
47) Acenaphthylene	14.34	152	1118602	20.18	ng/ul	99
48) 3-Nitroaniline	14.52	138	202227	21.48	ng/ul#	78
49) Acenaphthene	14.68	153	767036	19.89	ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	70116	15.32	ng/ul#	80
52) 4-Nitrophenol	14.85	109	81127	17.72	ng/ul#	32
53) Dibenzofuran	15.01	168	994387	19.38	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	250092	19.53	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.25	232	148562	18.74	ng/ul#	72
56) Diethylphthalate	15.42	149	854260	19.25	ng/ul	97
58) Fluorene	15.66	166	801381	19.13	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	339461	18.59	ng/ul	94
60) 4-Nitroaniline	15.68	138	205649	19.81	ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.75	198	95507	15.31	ng/ul#	94
64) N-Nitrosodiphenylamine	15.86	169	673059	20.76	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	197772	20.09	ng/ul#	81
66) Hexachlorobenzene	16.67	284	202767	19.13	ng/ul#	87
67) Atrazine	16.80	200	210794	20.81	ng/ul#	92
68) Pentachlorophenol	17.01	266	89760	18.54	ng/ul	93
69) Phenanthrene	17.40	178	1109078	19.96	ng/ul	99
71) Anthracene	17.49	178	1147474	20.13	ng/ul	99
72) Carbazole	17.76	167	1055306	21.89	ng/ul	97
73) Di-n-butylphthalate	18.30	149	1350796	21.54	ng/ul#	97
74) Fluoranthene	19.40	202	1120253	21.72	ng/ul#	77
77) Pyrene	19.76	202	1150443	19.84	ng/ul#	75
78) Butylbenzylphthalate	20.63	149	624381	23.19	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.50	252	330589	19.90	ng/ul#	94
80) Benzo(a)anthracene	21.58	228	1023521	20.25	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	893501	23.25	ng/ul#	97
82) Chrysene	21.65	228	939880	20.02	ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1554122	24.06	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1063321	19.80	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	1051800	19.93	ng/ul#	92
88) Benzo(a)pyrene	24.62	252	1051138	19.88	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.38	276	1144997	18.27	ng/ul#	78
90) Dibenzo(a,h)anthracene	28.42	278	993621	18.70	ng/ul#	85
91) Benzo(g,h,i)perylene	29.50	276	819282	15.76	ng/ul#	80

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

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