Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024234.D
Acq On : 7 Oct 2016 14:40
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02010

Quant Time: Oct 07 15:14:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 14:52:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	153515	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	655124	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	509499	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1059026	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1112070	20.00	ng/ul	0.00
83) Perylene-d12	25.41	264	1138516	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	23915	7.40	ng/uL	0.00
5) Phenol-d5	7.43	99	295049	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	193310	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.83	132	205098	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	235204	20.31	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	97156	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	115436	22.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	231708	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.45	131	3018	0.25	ng/ul	0.19
43) Dimethylphthalate-d6	14.31	166	748980	21.05	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	904752	22.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	134301	21.29	ng/ul	0.00
57) Fluorene-d10	15.90	176	712392	21.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	141773	22.28	ng/ul	0.00
70) Anthracene-d10	17.75	188	1046244	21.87	ng/ul	0.00
76) Pyrene-d10	20.02	212	1164670	22.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1084893	21.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	29289	8.36	ng/uL#	87
4) Benzaldehyde	7.43	77	224721	22.29	ng/ul#	79
6) Phenol	7.45	94	303973	20.91	ng/ul#	63
8) Bis(2-Chloroethyl)ether	7.71	93	224324	20.96	ng/ul#	77
10) 2-Chlorophenol	7.86	128	202033	20.21	ng/ul#	87
11) 2-Methylphenol	8.72	108	213003	19.78	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.83	45	429829	20.11	ng/ul#	87
14) Acetophenone	9.13	105	361473	21.02	ng/ul#	68
15) N-Nitroso-di-n-propylamine	9.10	70	215387	20.77	ng/ul#	74
16) 4-Methylphenol	9.05	108	232638	20.37	ng/ul	93
17) Hexachloroethane	9.39	117	92832	20.08	ng/ul#	76
20) Nitrobenzene	9.51	77	317457	21.58	ng/ul#	81
21) Isophorone	10.04	82	589520	22.04	ng/ul#	90
23) 2-Nitrophenol	10.22	139	116960	20.63	ng/ul#	55
24) 2,4-Dimethylphenol	10.26	107	294176	21.06	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.51	93	314843	21.48	ng/ul#	96
27) 2,4-Dichlorophenol	10.76	162	222429	20.48	ng/ul	92
28) Naphthalene	11.18	128	661160	20.96	ng/ul	99
30) 4-Chloroaniline	11.28	127	260711	21.58	ng/ul	99
31) Hexachlorobutadiene	11.45	225	181124	20.82	ng/ul	97
32) Caprolactam	12.05	113	86684	21.00	ng/ul#	38
33) 4-Chloro-3-methylphenol	12.37	107	286420	21.55	ng/ul#	76
34) 2-Methylnaphthalene	12.76	142	526077	20.98	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	333389	22.19 ng/ul	98
37) Hexachlorocyclopentadiene	13.09	237	235936	21.42 ng/ul	97
38) 2,4,6-Trichlorophenol	13.35	196	213085	21.87 ng/ul	95
39) 2,4,5-Trichlorophenol	13.41	196	235078	21.96 ng/ul	98
40) 1,1'-Biphenyl	13.75	154	720037	21.82 ng/ul	95
41) 2-Chloronaphthalene	13.80	162	575373	22.25 ng/ul	97
42) 2-Nitroaniline	14.00	65	223192	22.67 ng/ul#	56
44) Dimethylphthalate	14.35	163	753726	21.61 ng/ul#	98
45) 2,6-Dinitrotoluene	14.48	165	152155	22.48 ng/ul#	77
47) Acenaphthylene	14.64	152	877232	22.37 ng/ul	98
48) 3-Nitroaniline	14.81	138	142201	22.24 ng/ul#	66
49) Acenaphthene	14.98	153	611587	21.82 ng/ul	94
50) 2,4-Dinitrophenol	15.01	184	96877	21.34 ng/ul#	84
52) 4-Nitrophenol	15.09	109	159061	20.81 ng/ul#	67
53) Dibenzofuran	15.31	168	882326	21.39 ng/ul#	84
54) 2,4-Dinitrotoluene	15.26	165	219105	21.85 ng/ul#	55
55) 2,3,4,6-Tetrachlorophenol	15.52	232	226367	21.54 ng/ul	98
56) Diethylphthalate	15.71	149	765848	20.83 ng/ul	94
58) Fluorene	15.95	166	724584	21.24 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.94	204	402448	21.26 ng/ul	97
60) 4-Nitroaniline	15.96	138	156876	21.30 ng/ul#	44
63) 4,6-Dinitro-2-methylphenol	16.02	198	141463	21.21 ng/ul#	85
64) N-Nitrosodiphenylamine	16.15	169	654274	21.84 ng/ul	98
65) 4-Bromophenyl-phenylether	16.83	248	267469	21.81 ng/ul	99
66) Hexachlorobenzene	16.95	284	294708	21.53 ng/ul	95
67) Atrazine	17.09	200	270099	22.05 ng/ul	94
68) Pentachlorophenol	17.29	266	190169	22.86 ng/ul	87
69) Phenanthrene	17.70	178	1153780	21.58 ng/ul	99
71) Anthracene	17.79	178	1187198	21.81 ng/ul	99
72) Carbazole	18.05	167	1013180	23.72 ng/ul	98
73) Di-n-butylphthalate	18.58	149	1198452	22.94 ng/ul#	96
74) Fluoranthene	19.69	202	1309080	24.24 ng/ul#	87
77) Pyrene	20.05	202	1303599	21.95 ng/ul#	88
78) Butylbenzylphthalate	20.92	149	536156	22.47 ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.84	252	466783	22.54 ng/ul#	96
80) Benzo(a)anthracene	21.93	228	1377262	22.32 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.80	149	751287	22.26 ng/ul#	97
82) Chrysene	22.00	228	1293124	22.01 ng/ul	98
84) Di-n-octyl phthalate	23.10	149	1279829	23.96 ng/ul	100
85) Benzo(b)fluoranthene	24.30	252	1357542	21.48 ng/ul#	93
86) Benzo(k)fluoranthene	24.37	252	1275331	20.95 ng/ul#	90
88) Benzo(a)pyrene	25.24	252	1286254	21.37 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.38	276	1383654	19.40 ng/ul#	82
90) Dibenzo(a,h)anthracene	29.45	278	1296721	21.50 ng/ul#	88
91) Benzo(g,h,i)perylene	30.63	276	1283079	21.40 ng/ul#	81

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

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