Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111416\
Data File : BG024765.D
Acq On : 14 Nov 2016 12:25
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 14 13:06:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 14 12:59:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	89687	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	368383	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	313719	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	746199	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	981713	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1027261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	28159	14.91	ng/uL	0.00
5) Phenol-d5	7.40	99	308066	36.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	188663	33.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	217841	37.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	259640	38.38	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	113500	43.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	137708	47.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	265765	41.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	312636	46.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	923902	42.18	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	1002168	39.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	167883	43.22	ng/ul	0.00
57) Fluorene-d10	15.87	176	862192	41.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	205885	45.91	ng/ul	0.00
70) Anthracene-d10	17.72	188	1331313	39.50	ng/ul	0.00
76) Pyrene-d10	19.99	212	1632711	35.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1789411	38.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	31699	15.49	ng/uL#	83
4) Benzaldehyde	7.39	77	235419	39.98	ng/ul	97
6) Phenol	7.43	94	332418	39.14	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.67	93	228611	36.56	ng/ul	99
10) 2-Chlorophenol	7.82	128	216421	37.06	ng/ul#	86
11) 2-Methylphenol	8.69	108	236630	37.62	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.79	45	398852	31.95	ng/ul	98
14) Acetophenone	9.09	105	391003	38.92	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.06	70	225338	37.20	ng/ul#	84
16) 4-Methylphenol	9.02	108	253191	37.95	ng/ul	99
17) Hexachloroethane	9.36	117	100846	37.34	ng/ul	96
20) Nitrobenzene	9.48	77	347609	42.02	ng/ul	98
21) Isophorone	10.00	82	634795	42.21	ng/ul	98
23) 2-Nitrophenol	10.19	139	139676	43.82	ng/ul#	83
24) 2,4-Dimethylphenol	10.23	107	330990	42.14	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.47	93	332814	40.37	ng/ul	92
27) 2,4-Dichlorophenol	10.73	162	265178	43.42	ng/ul	96
28) Naphthalene	11.14	128	721915	40.70	ng/ul	97
30) 4-Chloroaniline	11.25	127	303430	44.68	ng/ul	95
31) Hexachlorobutadiene	11.41	225	220141	45.01	ng/ul#	83
32) Caprolactam	12.01	113	75294	32.43	ng/ul	94
33) 4-Chloro-3-methylphenol	12.34	107	315131	42.16	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	562703	39.90	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	404372	43.71 ng/ul	96
37) Hexachlorocyclopentadiene	13.05	237	264777	39.03 ng/ul	98
38) 2,4,6-Trichlorophenol	13.39	196	271748	45.30 ng/ul	91
39) 2,4,5-Trichlorophenol	13.39	196	271748	41.23 ng/ul	97
40) 1,1'-Biphenyl	13.72	154	795416	39.15 ng/ul	98
41) 2-Chloronaphthalene	13.76	162	614537	38.59 ng/ul	96
42) 2-Nitroaniline	13.97	65	259307	42.78 ng/ul	99
44) Dimethylphthalate	14.32	163	897685	41.79 ng/ul	98
45) 2,6-Dinitrotoluene	14.45	165	193636	46.47 ng/ul	93
47) Acenaphthylene	14.61	152	968316	40.10 ng/ul	98
48) 3-Nitroaniline	14.79	138	181495	46.10 ng/ul#	87
49) Acenaphthene	14.94	153	674551	39.08 ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	139809	50.01 ng/ul	88
52) 4-Nitrophenol	15.08	109	205298	43.62 ng/ul	95
53) Dibenzofuran	15.27	168	1059460	41.71 ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	288333	46.69 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.50	232	290496	44.89 ng/ul#	96
56) Diethylphthalate	15.67	149	949549	41.94 ng/ul	98
58) Fluorene	15.92	166	836331	39.82 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.91	204	479107	41.10 ng/ul	88
60) 4-Nitroaniline	15.95	138	204649	45.14 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.00	198	210750	44.84 ng/ul#	92
64) N-Nitrosodiphenylamine	16.12	169	798649	37.84 ng/ul	97
65) 4-Bromophenyl-phenylether	16.80	248	361059	41.78 ng/ul	91
66) Hexachlorobenzene	16.92	284	394462	40.91 ng/ul	96
67) Atrazine	17.05	200	377388	43.72 ng/ul	97
68) Pentachlorophenol	17.26	266	245722	41.92 ng/ul	95
69) Phenanthrene	17.66	178	1496512	39.72 ng/ul	99
71) Anthracene	17.76	178	1523488	39.73 ng/ul	99
72) Carbazole	18.02	167	1323702	43.99 ng/ul	96
73) Di-n-butylphthalate	18.55	149	1569437	42.64 ng/ul	100
74) Fluoranthene	19.66	202	1863056	48.96 ng/ul	100
77) Pyrene	20.02	202	1865954	35.59 ng/ul	98
78) Butylbenzylphthalate	20.88	149	768748	36.49 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.81	252	803087	43.93 ng/ul	94
80) Benzo(a)anthracene	21.90	228	2083383	38.24 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.75	149	1067373	35.82 ng/ul	97
82) Chrysene	21.96	228	1968116	37.95 ng/ul	98
84) Di-n-octyl phthalate	23.03	149	1822304	37.81 ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	2164027	37.94 ng/ul	97
86) Benzo(k)fluoranthene	24.32	252	2031035	36.97 ng/ul	97
88) Benzo(a)pyrene	25.19	252	2073190	38.17 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.29	276	2618465	40.70 ng/ul	97
90) Dibenzo(a,h)anthracene	29.36	278	2186595	40.19 ng/ul	96
91) Benzo(g,h,i)perylene	30.54	276	2173801	40.18 ng/ul	96

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

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