Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025645.D
Acq On : 25 Jan 2017 22:17
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02018

Quant Time: Jan 26 09:39:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 18:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72164	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	336987	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	297431	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	687325	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	836195	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	845946	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	11702	8.11	ng/uL	0.00
5) Phenol-d5	7.33	99	129872	21.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	86391	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	92999	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	113144	21.52	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	49575	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	62097	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	117795	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	144784	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	429533	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	486788	21.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	53794	18.69	ng/ul	0.00
57) Fluorene-d10	15.80	176	413325	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	85382	20.14	ng/ul	0.00
70) Anthracene-d10	17.65	188	630857	21.56	ng/ul	0.00
76) Pyrene-d10	19.93	212	756066	21.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	772418	21.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	12066	7.08	ng/uL#	83
4) Benzaldehyde	7.32	77	105680	24.81	ng/ul	97
6) Phenol	7.36	94	141751	21.81	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.59	93	105236	22.68	ng/ul	99
10) 2-Chlorophenol	7.74	128	93321	21.60	ng/ul	92
11) 2-Methylphenol	8.63	108	103503	21.38	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.70	45	201187	22.82	ng/ul	98
14) Acetophenone	9.01	105	177070	21.56	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.97	70	109526	22.29	ng/ul	92
16) 4-Methylphenol	8.96	108	115779	21.82	ng/ul	93
17) Hexachloroethane	9.26	117	42565	21.16	ng/ul	92
20) Nitrobenzene	9.41	77	161617	21.13	ng/ul	92
21) Isophorone	9.91	82	308088	21.45	ng/ul#	96
23) 2-Nitrophenol	10.13	139	64970	22.32	ng/ul	89
24) 2,4-Dimethylphenol	10.17	107	148795	21.20	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.40	93	159872	22.06	ng/ul#	90
27) 2,4-Dichlorophenol	10.66	162	118248	21.65	ng/ul	96
28) Naphthalene	11.05	128	335772	21.58	ng/ul	97
30) 4-Chloroaniline	11.17	127	149046	23.54	ng/ul	90
31) Hexachlorobutadiene	11.31	225	96945	20.32	ng/ul#	91
32) Caprolactam	11.94	113	46717	20.35	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.29	107	146292	22.06	ng/ul	100
34) 2-Methylnaphthalene	12.65	142	273493	21.53	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	189667	21.18	ng/ul#	95
37) Hexachlorocyclopentadiene	12.97	237	76937	21.76	ng/ul	92
38) 2,4,6-Trichlorophenol	13.26	196	112767	20.80	ng/ul	88
39) 2,4,5-Trichlorophenol	13.34	196	124675	21.93	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	386963	21.00	ng/ul	99
41) 2-Chloronaphthalene	13.69	162	307622	21.51	ng/ul	98
42) 2-Nitroaniline	13.91	65	136270	21.97	ng/ul	95
44) Dimethylphthalate	14.25	163	425594	20.61	ng/ul	98
45) 2,6-Dinitrotoluene	14.39	165	93208	21.92	ng/ul#	88
47) Acenaphthylene	14.53	152	475680	21.53	ng/ul	96
48) 3-Nitroaniline	14.73	138	81500	21.19	ng/ul#	79
49) Acenaphthene	14.87	153	339673	21.59	ng/ul	95
50) 2,4-Dinitrophenol	14.96	184	51497	20.61	ng/ul#	85
52) 4-Nitrophenol	15.05	109	63389	15.90	ng/ul#	82
53) Dibenzofuran	15.20	168	518076	21.42	ng/ul	99
54) 2,4-Dinitrotoluene	15.19	165	134289	20.71	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.44	232	122886	20.43	ng/ul#	93
56) Diethylphthalate	15.60	149	449411	20.13	ng/ul	99
58) Fluorene	15.85	166	416903	21.11	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.83	204	227658	20.44	ng/ul	91
60) 4-Nitroaniline	15.90	138	77680	20.86	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.95	198	88960	20.35	ng/ul#	91
64) N-Nitrosodiphenylamine	16.05	169	388091	21.90	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	167768	21.03	ng/ul	92
66) Hexachlorobenzene	16.85	284	192729	21.26	ng/ul	98
67) Atrazine	16.99	200	175152	21.04	ng/ul	97
68) Pentachlorophenol	17.22	266	65004	17.24	ng/ul#	82
69) Phenanthrene	17.60	178	721424	21.59	ng/ul	99
71) Anthracene	17.69	178	737874	21.97	ng/ul	99
72) Carbazole	17.97	167	625541	22.46	ng/ul	99
73) Di-n-butylphthalate	18.47	149	785137	21.80	ng/ul	100
74) Fluoranthene	19.60	202	906510	22.99	ng/ul	100
77) Pyrene	19.96	202	894864	21.76	ng/ul	98
78) Butylbenzylphthalate	20.81	149	353485	22.10	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.73	252	353277	23.03	ng/ul	95
80) Benzo(a)anthracene	21.82	228	950289	21.50	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.66	149	495710	22.21	ng/ul	99
82) Chrysene	21.89	228	890389	21.43	ng/ul	98
84) Di-n-octyl phthalate	22.92	149	868255	23.91	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	939211	21.45	ng/ul	99
86) Benzo(k)fluoranthene	24.21	252	921848	22.45	ng/ul	99
88) Benzo(a)pyrene	25.07	252	909109	21.95	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.13	276	1130170	21.55	ng/ul	97
90) Dibenzo(a,h)anthracene	29.18	278	942253	21.57	ng/ul	96
91) Benzo(g,h,i)perylene	30.37	276	911583	21.16	ng/ul	96

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

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