Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071015\
Data File : BG017810.D
Acq On : 10 Jul 2015 14:01
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02044

Quant Time: Jul 10 23:28:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 14:57:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	63287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	313043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	197155	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	429423	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	444572	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	420180	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12058	7.68	ng/uL	0.00
5) Phenol-d5	6.77	99	117915	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	69075	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	90772	18.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	93772	18.54	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	46960	17.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	45015	17.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	85274	18.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	103453	16.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	281906	18.80	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	340174	18.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	57916	18.11	ng/ul	0.00
57) Fluorene-d10	15.25	176	250397	18.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	43218	16.67	ng/ul	0.00
70) Anthracene-d10	17.10	188	375820	18.71	ng/ul	0.00
78) Pyrene-d10	19.40	212	412239	19.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	395091	18.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	12749	7.68	ng/uL	95
4) Benzaldehyde	6.74	77	52042	14.20	ng/ul	95
6) Phenol	6.80	94	124700	19.18	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	92338	19.38	ng/ul	98
10) 2-Chlorophenol	7.16	128	90773	18.73	ng/ul	98
11) 2-Methylphenol	8.04	108	92032	18.62	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.14	45	145699	20.42	ng/ul	99
14) Acetophenone	8.41	105	144506	19.45	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	89883	19.51	ng/ul	93
16) 4-Methylphenol	8.36	108	103559	18.57	ng/ul	94
17) Hexachloroethane	8.66	117	37142	18.55	ng/ul	93
20) Nitrobenzene	8.79	77	114979	18.31	ng/ul	97
21) Isophorone	9.30	82	238122	19.16	ng/ul	100
23) 2-Nitrophenol	9.49	139	49863	17.34	ng/ul	94
24) 2,4-Dimethylphenol	9.56	107	114082	18.80	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.80	93	129965	19.56	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	84207	18.44	ng/ul	96
28) Naphthalene	10.43	128	308704	18.81	ng/ul	99
30) 4-Chloroaniline	10.54	127	103579	16.31	ng/ul	95
31) Hexachlorobutadiene	10.72	225	47545	19.28	ng/ul	95
32) Caprolactam	11.28	113	68396	18.76	ng/ul	91
33) 4-Chloro-3-methylphenol	11.67	107	106390	18.17	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	223309	18.84	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	94615	18.58	ng/ul	98
37) Hexachlorocyclopentadiene	12.40	237	50241	17.35	ng/ul	94
38) 2,4,6-Trichlorophenol	12.67	196	62803	17.80	ng/ul	93
39) 2,4,5-Trichlorophenol	12.74	196	66004	17.14	ng/ul	99
40) 1,1'-Biphenyl	13.08	154	284872	18.79	ng/ul	97
41) 2-Chloronaphthalene	13.12	162	215695	18.77	ng/ul	98
42) 2-Nitroaniline	13.32	65	78234	18.52	ng/ul	96
44) Dimethylphthalate	13.72	163	288367	18.72	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	57911	18.06	ng/ul	99
47) Acenaphthylene	13.97	152	373180	18.94	ng/ul	99
48) 3-Nitroaniline	14.16	138	58440	16.66	ng/ul	93
49) Acenaphthene	14.32	153	245513	18.66	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	26825	16.02	ng/ul	92
52) 4-Nitrophenol	14.48	109	49227	19.08	ng/ul	94
53) Dibenzofuran	14.65	168	332406	18.56	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	81144	17.99	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.88	232	58056	17.91	ng/ul#	93
56) Diethylphthalate	15.09	149	317723	19.23	ng/ul	98
58) Fluorene	15.30	166	294269	18.50	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.30	204	137265	18.76	ng/ul	92
60) 4-Nitroaniline	15.33	138	70636	17.16	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.39	198	46816	17.00	ng/ul	93
64) N-Nitrosodiphenylamine	15.52	169	251617	18.74	ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	80222	18.68	ng/ul	96
66) Hexachlorobenzene	16.31	284	83869	18.20	ng/ul#	90
67) Atrazine	16.48	200	93917	18.92	ng/ul	97
68) Pentachlorophenol	16.66	266	47242	16.53	ng/ul	96
69) Phenanthrene	17.05	178	453733	18.89	ng/ul	99
71) Anthracene	17.14	178	467843	18.96	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	94901	18.37	ng/uL	96
73) Pentachlorobenzene	14.57	250	97837	18.37	ng/uL	98
74) Carbazole	17.41	167	450956	20.60	ng/ul	99
75) Di-n-butylphthalate	17.99	149	579402	19.32	ng/ul	100
76) Fluoranthene	19.07	202	515917	20.98	ng/ul	97
79) Pyrene	19.43	202	541216	19.55	ng/ul	98
80) Butylbenzylphthalate	20.36	149	250933	19.29	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	132756	16.77	ng/ul	95
82) Benzo(a)anthracene	21.19	228	483803	19.26	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	335348	18.82	ng/ul	99
84) Chrysene	21.24	228	453872	19.27	ng/ul	98
86) Di-n-octyl phthalate	22.01	149	556294	20.68	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	465586	19.16	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	432233	18.68	ng/ul	98
90) Benzo(a)pyrene	23.33	252	441858	18.92	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.68	276	484100	18.43	ng/ul	94
92) Dibenzo(a,h)anthracene	25.69	278	417578	18.53	ng/ul	98
93) Benzo(g,h,i)perylene	26.37	276	400960	18.42	ng/ul	95

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

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