Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070715\
Data File : BG017790.D
Acq On : 7 Jul 2015 10:50
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02035

Quant Time: Jul 08 03:30:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	103785	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	473583	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	287230	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	586035	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	599369	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	588773	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	18880	7.19	ng/uL	0.00
5) Phenol-d5	6.78	99	182715	20.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	102982	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	146786	19.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	148239	20.68	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	74168	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	77840	21.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	138132	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	209260	22.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	362032	19.04	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	509553	19.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	80728	21.17	ng/ul	0.00
57) Fluorene-d10	15.26	176	370691	19.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	57393	21.12	ng/ul	0.01
70) Anthracene-d10	17.11	188	527769	19.76	ng/ul	0.00
78) Pyrene-d10	19.42	212	551522	19.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	494846	19.09	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	21266	7.91	ng/uL	98
4) Benzaldehyde	6.75	77	126496	23.13	ng/ul	91
6) Phenol	6.81	94	194433	20.63	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.04	93	143750	20.57	ng/ul	96
10) 2-Chlorophenol	7.17	128	144929	19.31	ng/ul	100
11) 2-Methylphenol	8.05	108	144048	20.90	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	217176	20.29	ng/ul	98
14) Acetophenone	8.42	105	211624	20.03	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.41	70	127168	19.14	ng/ul	95
16) 4-Methylphenol	8.38	108	159717	20.60	ng/ul	100
17) Hexachloroethane	8.67	117	61144	19.06	ng/ul	92
20) Nitrobenzene	8.80	77	182324	20.35	ng/ul	98
21) Isophorone	9.32	82	335538	19.95	ng/ul	97
23) 2-Nitrophenol	9.50	139	83073	21.41	ng/ul	94
24) 2,4-Dimethylphenol	9.57	107	171489	19.57	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.81	93	186363	19.56	ng/ul	96
27) 2,4-Dichlorophenol	10.04	162	133129	19.68	ng/ul	96
28) Naphthalene	10.44	128	479241	19.56	ng/ul	99
30) 4-Chloroaniline	10.55	127	203782	22.46	ng/ul	97
31) Hexachlorobutadiene	10.73	225	73078	18.68	ng/ul	92
32) Caprolactam	11.30	113	64675	20.04	ng/ul	90
33) 4-Chloro-3-methylphenol	11.68	107	166042	20.45	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	334312	19.22	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	144915	19.30	ng/ul	89
37) Hexachlorocyclopentadiene	12.42	237	57176	14.86	ng/ul	95
38) 2,4,6-Trichlorophenol	12.68	196	96842	20.15	ng/ul	97
39) 2,4,5-Trichlorophenol	12.75	196	108066	20.39	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	421285	19.81	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	323212	19.77	ng/ul	99
42) 2-Nitroaniline	13.33	65	117174	21.26	ng/ul	92
44) Dimethylphthalate	13.73	163	396467	18.77	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	89663	21.26	ng/ul	97
47) Acenaphthylene	13.98	152	545943	19.49	ng/ul	99
48) 3-Nitroaniline	14.17	138	107422	22.02	ng/ul	95
49) Acenaphthene	14.33	153	365771	19.38	ng/ul	95
50) 2,4-Dinitrophenol	14.37	184	27627	17.42	ng/ul#	85
52) 4-Nitrophenol	14.48	109	64294	21.14	ng/ul	96
53) Dibenzofuran	14.66	168	490684	19.29	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	123146	20.67	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.89	232	88451	20.58	ng/ul	98
56) Diethylphthalate	15.10	149	430357	18.83	ng/ul	97
58) Fluorene	15.31	166	431911	19.11	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	199061	18.94	ng/ul	96
60) 4-Nitroaniline	15.34	138	115173	20.71	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.40	198	61696	21.38	ng/ul	95
64) N-Nitrosodiphenylamine	15.53	169	364661	20.44	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	114660	19.61	ng/ul	97
66) Hexachlorobenzene	16.32	284	121906	19.84	ng/ul#	87
67) Atrazine	16.49	200	132203	21.67	ng/ul	97
68) Pentachlorophenol	16.67	266	51468	22.79	ng/ul	93
69) Phenanthrene	17.05	178	629694	19.66	ng/ul	98
71) Anthracene	17.15	178	650842	19.76	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	143144	20.67	ng/uL	95
73) Pentachlorobenzene	14.58	250	141965	20.13	ng/uL	98
74) Carbazole	17.42	167	598247	21.81	ng/ul	99
75) Di-n-butylphthalate	17.99	149	771009	20.36	ng/ul	98
76) Fluoranthene	19.08	202	671319	21.75	ng/ul	98
79) Pyrene	19.44	202	711826	19.46	ng/ul	98
80) Butylbenzylphthalate	20.36	149	356724	21.28	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.14	252	242658	23.46	ng/ul	99
82) Benzo(a)anthracene	21.20	228	658890	19.95	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	501313	21.40	ng/ul	97
84) Chrysene	21.25	228	617376	19.74	ng/ul	98
86) Di-n-octyl phthalate	22.01	149	841346	24.09	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	642892	19.10	ng/ul	96
88) Benzo(k)fluoranthene	22.81	252	616493	19.44	ng/ul	99
90) Benzo(a)pyrene	23.34	252	609672	19.06	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	673453	19.29	ng/ul	99
92) Dibenzo(a,h)anthracene	25.71	278	575059	19.50	ng/ul	99
93) Benzo(g,h,i)perylene	26.38	276	550692	18.85	ng/ul	97

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

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