Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG021616\
Data File : BG020909.D
Acq On : 16 Feb 2016 13:51
Operator : SJ/UM
Sample : SSTDCCC020
Misc : LOO 20PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 17 00:03:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 11 04:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18481	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	97611	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	61071	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	135139	20.00	ng/ul	-0.01
78) Chrysene-d12	21.89	240	122545	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	115442	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2986	7.84	ng/uL	-0.01
5) Phenol-d5	7.41	99	34928	18.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	18395	18.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28588	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	31166	19.15	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	14972	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	16878	21.66	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.70	165	29650	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	43645	21.86	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	100397	19.10	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	125446	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	19817	18.84	ng/ul	0.00
58) Fluorene-d10	15.86	176	87933	19.66	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.97	200	11900	18.17	ng/ul	0.00
71) Anthracene-d10	17.71	188	128081	19.18	ng/ul	-0.01
79) Pyrene-d10	19.97	212	122011	19.37	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	121459	18.99	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	3548	7.70	ng/uL	94
4) Benzaldehyde	7.39	77	22310	21.56	ng/ul	98
6) Phenol	7.43	94	37177	18.76	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.67	93	28597	18.83	ng/ul	98
10) 2-Chlorophenol	7.83	128	29518	19.60	ng/ul	97
11) 2-Methylphenol	8.70	108	29577	18.87	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.79	45	29774	18.88	ng/ul	99
14) Acetophenone	9.09	105	47642	19.36	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.07	70	23672	19.02	ng/ul	98
16) 4-Methylphenol	9.02	108	32969	18.95	ng/ul	98
17) Hexachloroethane	9.36	117	11273	20.07	ng/ul	97
20) Nitrobenzene	9.48	77	31488	19.17	ng/ul	96
21) Isophorone	10.00	82	68539	18.66	ng/ul	97
23) 2-Nitrophenol	10.19	139	19233	21.08	ng/ul	93
24) 2,4-Dimethylphenol	10.24	107	34599	18.96	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.47	93	43598	18.70	ng/ul	98
27) 2,4-Dichlorophenol	10.73	162	30485	19.38	ng/ul	96
28) Naphthalene	11.14	128	104199	19.22	ng/ul	99
30) 4-Chloroaniline	11.24	127	46558	22.06	ng/ul	97
31) Hexachlorobutadiene	11.42	225	14499	19.33	ng/ul	96
32) Caprolactam	11.99	113	12895	20.22	ng/ul	94
33) 4-Chloro-3-methylphenol	12.34	107	36371	19.79	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	78341	19.09	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	75078	19.31 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.08	216	33454	19.21 ng/ul	97
38) Hexachlorocyclopentadiene	13.06	237	15936	16.78 ng/ul	93
39) 2,4,6-Trichlorophenol	13.32	196	24896	19.77 ng/ul	100
40) 2,4,5-Trichlorophenol	13.39	196	27983	20.08 ng/ul	99
41) 1,1'-Biphenyl	13.71	154	102862	19.03 ng/ul	99
42) 2-Chloronaphthalene	13.76	162	77190	19.37 ng/ul	98
43) 2-Nitroaniline	13.96	65	21482	19.82 ng/ul	94
45) Dimethylphthalate	14.32	163	104912	19.17 ng/ul	98
46) 2,6-Dinitrotoluene	14.44	165	21738	20.22 ng/ul	99
48) Acenaphthylene	14.60	152	136883	19.44 ng/ul	99
49) 3-Nitroaniline	14.77	138	26009	21.46 ng/ul	93
50) Acenaphthene	14.94	153	94424	19.19 ng/ul	99
51) 2,4-Dinitrophenol	14.97	184	6177	14.67 ng/ul	98
53) 4-Nitrophenol	15.07	109	11312	18.87 ng/ul	99
54) Dibenzofuran	15.27	168	124267	19.45 ng/ul	100
55) 2,4-Dinitrotoluene	15.22	165	31248	20.95 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.49	232	23870	19.76 ng/ul	98
57) Diethylphthalate	15.67	149	111332	19.31 ng/ul	99
59) Fluorene	15.91	166	106207	19.11 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.90	204	46305	19.51 ng/ul	99
61) 4-Nitroaniline	15.93	138	27084	19.74 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.98	198	13523	18.35 ng/ul	96
65) N-Nitrosodiphenylamine	16.11	169	88807	19.14 ng/ul	100
66) 4-Bromophenyl-phenylether	16.80	248	28358	19.53 ng/ul	97
67) Hexachlorobenzene	16.91	284	31227	19.53 ng/ul	96
68) Atrazine	17.05	200	28133	18.73 ng/ul	94
69) Pentachlorophenol	17.25	266	15175	16.13 ng/ul	97
70) Phenanthrene	17.65	178	161085	18.91 ng/ul	99
72) Anthracene	17.75	178	162672	18.98 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.68	216	31921	19.05 ng/uL	97
74) Pentachlorobenzene	15.19	250	33586	19.70 ng/uL	97
75) Carbazole	18.01	167	141389	18.78 ng/ul	99
76) Di-n-butylphthalate	18.55	149	179354	18.52 ng/ul	99
77) Fluoranthene	19.64	202	163606	18.56 ng/ul	97
80) Pyrene	20.00	202	168283	19.02 ng/ul	99
81) Butylbenzylphthalate	20.87	149	80123	19.50 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.78	252	52973	20.08 ng/ul	98
83) Benzo(a)anthracene	21.87	228	151407	18.95 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.75	149	117910	18.94 ng/ul	99
85) Chrysene	21.94	228	141391	19.21 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	199397	19.17 ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	146826	18.67 ng/ul	97
89) Benzo(k)fluoranthene	24.26	252	140415	18.70 ng/ul	98
91) Benzo(a)pyrene	25.11	252	139802	18.79 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.13	276	164499	19.17 ng/ul	98
93) Dibenzo(a,h)anthracene	29.20	278	134108	19.08 ng/ul	97
94) Benzo(g,h,i)perylene	30.34	276	135475m	19.31 ng/ul	

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

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