Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023451.D
Acq On : 4 Aug 2016 14:28
Operator : UM/SJ
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 15:30:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:23:03 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	100918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	471192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	362608	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	961802	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	980571	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	933836	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	21246	9.52	ng/uL	0.00
5) Phenol-d5	7.27	99	217024	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	136479	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	147682	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	164486	20.32	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	79359	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	92198	20.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	173212m	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	220618	25.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	634897	21.06	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	715197	20.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	103400	19.44	ng/ul	0.00
57) Fluorene-d10	15.77	176	585499	21.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	125954	19.03	ng/ul	0.00
70) Anthracene-d10	17.64	188	933293	20.73	ng/ul	0.00
76) Pyrene-d10	19.93	212	1047746	20.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	900805	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	22786	9.54	ng/uL#	91
4) Benzaldehyde	7.25	77	141719	21.93	ng/ul	83
6) Phenol	7.30	94	223674	20.66	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.53	93	163963	20.15	ng/ul	90
10) 2-Chlorophenol	7.68	128	149991	20.89	ng/ul#	87
11) 2-Methylphenol	8.57	108	166463	20.81	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.65	45	223621	20.31	ng/ul	95
14) Acetophenone	8.95	105	278233	19.75	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.92	70	163662	17.61	ng/ul#	87
16) 4-Methylphenol	8.90	108	188372	21.16	ng/ul	95
17) Hexachloroethane	9.21	117	62774	18.47	ng/ul#	81
20) Nitrobenzene	9.34	77	232140	19.08	ng/ul#	82
21) Isophorone	9.85	82	438276	18.89	ng/ul#	90
23) 2-Nitrophenol	10.06	139	95420	20.32	ng/ul#	61
24) 2,4-Dimethylphenol	10.11	107	217419	20.15	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.34	93	245986	19.17	ng/ul	98
27) 2,4-Dichlorophenol	10.60	162	173575	21.19	ng/ul	96
28) Naphthalene	11.00	128	519012	21.91	ng/ul	98
30) 4-Chloroaniline	11.11	127	214608	24.24	ng/ul	97
31) Hexachlorobutadiene	11.28	225	113291	17.21	ng/ul	97
32) Caprolactam	11.87	113	73864m	21.75	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	222513	20.69	ng/ul	88
34) 2-Methylnaphthalene	12.60	142	420627	21.46	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	237604	19.64	ng/ul#	95
37) Hexachlorocyclopentadiene	12.95	237	121207	15.40	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	166324	19.86	ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	172332	20.17	ng/ul	99
40) 1,1'-Biphenyl	13.61	154	566742	20.84	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	437518	19.96	ng/ul	97
42) 2-Nitroaniline	13.87	65	183782	18.85	ng/ul#	66
44) Dimethylphthalate	14.22	163	634843	20.79	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	139261	21.01	ng/ul#	79
47) Acenaphthylene	14.51	152	751735	21.66	ng/ul	99
48) 3-Nitroaniline	14.69	138	129862	22.94	ng/ul#	64
49) Acenaphthene	14.85	153	509401	21.72	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	76366	18.37	ng/ul#	76
52) 4-Nitrophenol	15.00	109	108453	17.12	ng/ul#	72
53) Dibenzofuran	15.18	168	753745	21.79	ng/ul#	87
54) 2,4-Dinitrotoluene	15.15	165	210498	20.86	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.41	232	181670	21.04	ng/ul#	98
56) Diethylphthalate	15.59	149	666566	20.52	ng/ul	96
58) Fluorene	15.83	166	628892	22.04	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	315873	20.21	ng/ul	96
60) 4-Nitroaniline	15.86	138	152697	21.95	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.91	198	134529	19.23	ng/ul#	87
64) N-Nitrosodiphenylamine	16.04	169	585495	21.07	ng/ul	96
65) 4-Bromophenyl-phenylether	16.72	248	231668	20.94	ng/ul	97
66) Hexachlorobenzene	16.84	284	241760	21.33	ng/ul	97
67) Atrazine	16.98	200	246047	20.76	ng/ul	98
68) Pentachlorophenol	17.20	266	129505	18.42	ng/ul	92
69) Phenanthrene	17.58	178	1095501	22.11	ng/ul	100
71) Anthracene	17.68	178	1114409	21.46	ng/ul	99
72) Carbazole	17.95	167	996877	24.41	ng/ul	98
73) Di-n-butylphthalate	18.49	149	1151092	20.32	ng/ul#	97
74) Fluoranthene	19.60	202	1276524	24.53	ng/ul#	93
77) Pyrene	19.96	202	1314852	22.06	ng/ul#	93
78) Butylbenzylphthalate	20.84	149	498660	19.26	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.75	252	377871	19.32	ng/ul#	98
80) Benzo(a)anthracene	21.84	228	1195242	20.53	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	677736	19.16	ng/ul#	99
82) Chrysene	21.91	228	1066987	20.20	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1107649	21.40	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1165001m	20.51	ng/ul	
86) Benzo(k)fluoranthene	24.23	252	1104598m	20.52	ng/ul	
88) Benzo(a)pyrene	25.07	252	1113753	20.57	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.09	276	1274158	20.90	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.16	278	1096237m	21.83	ng/ul	
91) Benzo(g,h,i)perylene	30.30	276	1061350m	21.07	ng/ul	

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

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