Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
Data File : BG015555.D
Acq On : 1 Dec 2014 9:57
Operator : TP/JJ
Sample : SSTD02030
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02030

Manual Integrations APPROVED
mohammad
12/3/2014 8:21:16 AM

Quant Time: Dec 01 10:35:49 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 26 00:36:31 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	133565	20.00	ng/ul	-0.02
16) Naphthalene-d8	10.55	136	511045	20.00	ng/ul	-0.02
33) Acenaphthene-d10	14.40	164	365339	20.00	ng/ul	-0.01
59) Phenanthrene-d10	17.15	188	855497	20.00	ng/ul	0.00
73) Chrysene-d12	21.33	240	1141475	20.00	ng/ul	-0.01
81) Perylene-d12	23.62	264	1067847	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) Phenol-d5	6.93	99	250945	17.36	ng/ul	-0.02
5) Bis-(2-Chloroethyl)ether-d	7.10	67	147025	16.51	ng/ul	-0.01
7) 2-Chlorophenol-d4	7.30	132	163717	18.45	ng/ul	-0.01
11) 4-Methylphenol-d8	8.47	113	182084	17.80	ng/ul	-0.01
17) Nitrobenzene-d5	8.92	128	81376	19.68	ng/ul	-0.02
20) 2-Nitrophenol-d4	9.64	143	91716	21.21	ng/ul	-0.02
24) 2,4-Dichlorophenol-d3	10.17	165	161610	20.05	ng/ul	-0.01
27) 4-Chloroaniline-d4	10.69	131	213283	20.97	ng/ul	-0.01
41) Dimethylphthalate-d6	13.81	166	493829	19.12	ng/ul	-0.02
44) Acenaphthylene-d8	14.10	160	584713	18.98	ng/ul	-0.01
49) 4-Nitrophenol-d4	14.60	143	92060	20.91	ng/ul	0.00
55) Fluorene-d10	15.40	176	469053	19.69	ng/ul	-0.01
60) 4,6-Dinitro-2-methylphenol	15.51	200	107489	23.50	ng/ul	-0.01
68) Anthracene-d10	17.25	188	789801	19.66	ng/ul	-0.01
74) Pyrene-d10	19.54	212	950843	19.51	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.47	264	952836	19.74	ng/ul	-0.01
Target Compounds						Qvalue
2) Benzaldehyde	6.91	77	192532	18.37	ng/ul	90
4) Phenol	6.96	94	265310	17.46	ng/ul	96
6) Bis(2-Chloroethyl)ether	7.19	93	207512	17.78	ng/ul	97
8) 2-Chlorophenol	7.33	128	162502	18.30	ng/ul	94
9) 2-Methylphenol	8.20	108	185295	16.80	ng/ul	93
10) 2,2'-oxybis(1-Chloropropan	8.30	45	171547	17.85	ng/ul	98
12) Acetophenone	8.59	105	281066	16.95	ng/ul	95
13) N-Nitroso-di-n-propylamine	8.57	70	188593	15.95	ng/ul	99
14) 4-Methylphenol	8.53	108	212229	17.70	ng/ul	99
15) Hexachloroethane	8.84	117	84735	17.23	ng/ul	91
18) Nitrobenzene	8.96	77	285769	19.46	ng/ul	99
19) Isophorone	9.48	82	491083	17.81	ng/ul	96
21) 2-Nitrophenol	9.67	139	96418	21.34	ng/ul	93
22) 2,4-Dimethylphenol	9.73	107	257557	18.72	ng/ul	95
23) Bis(2-Chloroethoxy)methane	9.97	93	260477	18.05	ng/ul#	98
25) 2,4-Dichlorophenol	10.20	162	164488	19.63	ng/ul	95
26) Naphthalene	10.61	128	512354	19.55	ng/ul	96
28) 4-Chloroaniline	10.71	127	210297	20.75	ng/ul	96
29) Hexachlorobutadiene	10.89	225	157494	20.41	ng/ul	97
30) Caprolactam	11.46	113	74872m	18.39	ng/ul	
31) 4-Chloro-3-methylphenol	11.84	107	239538	19.32	ng/ul	98
32) 2-Methylnaphthalene	12.22	142	371027	18.79	ng/ul	98
34) 1,2,4,5-Tetrachlorobenzene	12.59	216	242820	20.43	ng/ul#	95
35) Hexachlorocyclopentadiene	12.57	237	170682	18.01	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.83	196	148394	20.74	ng/ul	93
37) 2,4,5-Trichlorophenol	12.90	196	167122m	21.64	ng/ul	
38) 1,1'-Biphenyl	13.24	154	507030	19.38	ng/ul	96
39) 2-Chloronaphthalene	13.27	162	389391	19.25	ng/ul	92
40) 2-Nitroaniline	13.49	65	168843	20.46	ng/ul	95
42) Dimethylphthalate	13.86	163	507909	19.09	ng/ul	97
43) 2,6-Dinitrotoluene	13.98	165	114013	21.93	ng/ul	95
45) Acenaphthylene	14.13	152	639680	19.17	ng/ul	95
46) 3-Nitroaniline	14.31	138	116806	22.71	ng/ul#	91
47) Acenaphthene	14.47	153	428580	19.42	ng/ul	99
48) 2,4-Dinitrophenol	14.51	184	68719	23.69	ng/ul#	85
50) 4-Nitrophenol	14.61	109	137643	21.85	ng/ul	88
51) Dibenzofuran	14.80	168	640887	19.72	ng/ul	93
52) 2,4-Dinitrotoluene	14.77	165	166165	22.31	ng/ul	87
53) 2,3,4,6-Tetrachlorophenol	15.03	232	156815	22.19	ng/ul#	91
54) Diethylphthalate	15.23	149	555573	18.64	ng/ul	96
56) Fluorene	15.45	166	509149	19.23	ng/ul	99
57) 4-Chlorophenyl-phenylether	15.45	204	320571	19.22	ng/ul	96
58) 4-Nitroaniline	15.48	138	127288	20.73	ng/ul	89
61) 4,6-Dinitro-2-methylphenol	15.53	198	116388	24.39	ng/ul#	98
62) N-Nitrosodiphenylamine	15.67	169	475435	19.04	ng/ul	97
63) 4-Bromophenyl-phenylether	16.35	248	200808	19.03	ng/ul	96
64) Hexachlorobenzene	16.45	284	207621	19.97	ng/ul	97
65) Atrazine	16.62	200	200992	18.41	ng/ul	99
66) Pentachlorophenol	16.80	266	135788	26.90	ng/ul	92
67) Phenanthrene	17.19	178	863663	19.74	ng/ul	98
69) Anthracene	17.28	178	870574	19.71	ng/ul	99
70) Carbazole	17.55	167	847767	19.86	ng/ul	98
71) Di-n-butylphthalate	18.12	149	1001685	19.04	ng/ul	99
72) Fluoranthene	19.21	202	1210814	20.59	ng/ul	98
75) Pyrene	19.57	202	1257617	19.78	ng/ul#	97
76) Butylbenzylphthalate	20.48	149	504488	17.77	ng/ul	91
77) 3,3'-Dichlorobenzidine	21.25	252	460738	18.97	ng/ul#	92
78) Benzo(a)anthracene	21.32	228	1290396	19.62	ng/ul	97
79) Bis(2-ethylhexyl)phthalate	21.25	149	709689	18.62	ng/ul	99
80) Chrysene	21.37	228	1203316	20.15	ng/ul	97
82) Di-n-octyl phthalate	22.14	149	1151211	18.79	ng/ul	100
83) Benzo(b)fluoranthene	22.93	252	1251903	19.56	ng/ul	100
84) Benzo(k)fluoranthene	22.97	252	1229068	20.32	ng/ul	98
86) Benzo(a)pyrene	23.52	252	1196266	19.57	ng/ul	97
87) Indeno(1,2,3-cd)pyrene	25.97	276	1331025	18.95	ng/ul	96
88) Dibenzo(a,h)anthracene	25.97	278	1133712	19.30	ng/ul	99
89) Benzo(g,h,i)perylene	26.68	276	1093404	19.15	ng/ul	99

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

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