Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016033.D
Acq On : 20 Feb 2015 15:00
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 20 15:43:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	99085	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	448387	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	270983	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	568372	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	595092	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	564262	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	179712	19.06	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	107207	19.25	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	137724	19.75	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	136810	19.61	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	65505	20.67	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	59286	20.28	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	124268	19.60	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	160314	22.95	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	367361	20.28	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	507791	19.80	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	71836	19.72	ng/ul	0.00
55) Fluorene-d10	15.43	176	358575	19.69	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	41430	18.91	ng/ul	0.00
68) Anthracene-d10	17.27	188	530170	19.67	ng/ul	0.00
76) Pyrene-d10	19.56	212	565672	20.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	508760	19.88	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.96	77	114773	19.26	ng/ul	97
4) Phenol	7.00	94	193569	19.48	ng/ul	97
6) Bis(2-Chloroethyl)ether	7.24	93	151706	19.42	ng/ul	97
8) 2-Chlorophenol	7.37	128	138565	19.78	ng/ul	96
9) 2-Methylphenol	8.24	108	136616	19.32	ng/ul	98
10) 2,2'-oxybis(1-Chloropropan	8.34	45	180542	18.18	ng/ul	98
12) Acetophenone	8.62	105	206214	19.51	ng/ul	100
13) N-Nitroso-di-n-propylamine	8.61	70	112351	18.87	ng/ul	99
14) 4-Methylphenol	8.57	108	156599	20.03	ng/ul	99
15) Hexachloroethane	8.89	117	53866	19.39	ng/ul	99
18) Nitrobenzene	9.01	77	152011	20.50	ng/ul	98
19) Isophorone	9.52	82	306165	18.95	ng/ul	99
21) 2-Nitrophenol	9.71	139	68803	20.89	ng/ul	99
22) 2,4-Dimethylphenol	9.77	107	153935	19.44	ng/ul	97
23) Bis(2-Chloroethoxy)methane	10.01	93	191263	18.99	ng/ul	98
25) 2,4-Dichlorophenol	10.24	162	121722	19.58	ng/ul	94
26) Naphthalene	10.65	128	467327	19.53	ng/ul	99
28) 4-Chloroaniline	10.76	127	155556	22.86	ng/ul	98
29) Hexachlorobutadiene	10.93	225	65785	18.91	ng/ul	96
30) Caprolactam	11.50	113	55701	19.31	ng/ul	98
31) 4-Chloro-3-methylphenol	11.87	107	135794	19.14	ng/ul	94
32) 2-Methylnaphthalene	12.25	142	328694	19.56	ng/ul	99
34) 1,2,4,5-Tetrachlorobenzene	12.62	216	138400	19.00	ng/ul	97
35) Hexachlorocyclopentadiene	12.61	237	63243	19.61	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.86	196	78391	18.79 ng/ul	99
37) 2,4,5-Trichlorophenol	12.93	196	89208	19.12 ng/ul	99
38) 1,1'-Biphenyl	13.27	154	406861	19.41 ng/ul	98
39) 2-Chloronaphthalene	13.31	162	303035	19.23 ng/ul	99
40) 2-Nitroaniline	13.51	65	81515	20.34 ng/ul	95
42) Dimethylphthalate	13.89	163	378117	20.02 ng/ul	99
43) 2,6-Dinitrotoluene	14.01	165	70319	21.55 ng/ul	98
45) Acenaphthylene	14.16	152	533248	19.62 ng/ul	99
46) 3-Nitroaniline	14.34	138	79120	21.63 ng/ul	90
47) Acenaphthene	14.50	153	354967	19.68 ng/ul	98
48) 2,4-Dinitrophenol	14.54	184	18337	15.39 ng/ul	94
50) 4-Nitrophenol	14.64	109	39357	18.69 ng/ul	90
51) Dibenzofuran	14.83	168	474389	19.64 ng/ul	98
52) 2,4-Dinitrotoluene	14.79	165	100832	21.59 ng/ul	94
53) 2,3,4,6-Tetrachlorophenol	15.06	232	74502	19.86 ng/ul	95
54) Diethylphthalate	15.26	149	390298	20.39 ng/ul	99
56) Fluorene	15.48	166	409150	19.41 ng/ul	99
57) 4-Chlorophenyl-phenylether	15.48	204	182526	19.19 ng/ul	97
58) 4-Nitroaniline	15.50	138	104785	21.00 ng/ul	97
61) 4,6-Dinitro-2-methylphenol	15.56	198	46087	19.61 ng/ul#	97
62) N-Nitrosodiphenylamine	15.69	169	354380	19.96 ng/ul	98
63) 4-Bromophenyl-phenylether	16.37	248	110497	18.95 ng/ul	99
64) Hexachlorobenzene	16.48	284	125717	19.03 ng/ul	97
65) Atrazine	16.64	200	112773	19.71 ng/ul	99
66) Pentachlorophenol	16.82	266	47479	17.07 ng/ul	96
67) Phenanthrene	17.22	178	622739	19.70 ng/ul	98
69) Anthracene	17.31	178	639280	19.81 ng/ul	98
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	137009	18.96 ng/uL	98
71) Pentachlorobenzene	14.75	250	134635	19.02 ng/uL	98
72) Carbazole	17.58	167	599485	19.69 ng/ul	99
73) Di-n-butylphthalate	18.14	149	692394	21.29 ng/ul	100
74) Fluoranthene	19.23	202	687249	19.87 ng/ul	97
77) Pyrene	19.59	202	739100	20.42 ng/ul	97
78) Butylbenzylphthalate	20.49	149	289209	20.40 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	154230	18.89 ng/ul	98
80) Benzo(a)anthracene	21.33	228	660926	19.97 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	388400	20.89 ng/ul	98
82) Chrysene	21.38	228	629518	19.96 ng/ul	99
84) Di-n-octyl phthalate	22.16	149	638646	21.40 ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	607653	19.31 ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	647968	20.50 ng/ul	99
88) Benzo(a)pyrene	23.54	252	626102	20.03 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.00	276	698382	19.21 ng/ul	99
90) Dibenzo(a,h)anthracene	26.01	278	578497	19.03 ng/ul	99
91) Benzo(g,h,i)perylene	26.72	276	589276	19.40 ng/ul	99

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

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