Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016025.D
Acq On : 20 Feb 2015 8:05
Operator : TP/IZ
Sample : SSTDCCC020
Misc : MDL-SOIL-3PPM-SOM0-ML
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 20 10:15:34 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	92967	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	410972	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	248399	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	530320	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	593162	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	568450	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.97	99	170436	19.27	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	101008	19.34	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	127198	19.44	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	126556	19.33	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	59603	20.52	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	54377	20.29	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	113580	19.54	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	139519	21.79	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	328243	19.76	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	459782	19.56	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	67359	20.17	ng/ul	0.00
55) Fluorene-d10	15.43	176	327596	19.63	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	37907	18.54	ng/ul	0.00
68) Anthracene-d10	17.27	188	498754	19.83	ng/ul	0.00
76) Pyrene-d10	19.56	212	549294	19.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	507254	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.95	77	108441	19.40	ng/ul	98
4) Phenol	7.00	94	182041	19.53	ng/ul	99
6) Bis(2-Chloroethyl)ether	7.23	93	140436	19.16	ng/ul	99
8) 2-Chlorophenol	7.38	128	129468	19.70	ng/ul	97
9) 2-Methylphenol	8.24	108	125934	18.98	ng/ul	98
10) 2,2'-oxybis(1-Chloropropan	8.34	45	170480	18.29	ng/ul	97
12) Acetophenone	8.63	105	189849	19.15	ng/ul	99
13) N-Nitroso-di-n-propylamine	8.61	70	102432	18.33	ng/ul	99
14) 4-Methylphenol	8.57	108	144423	19.69	ng/ul	94
15) Hexachloroethane	8.88	117	49706	19.07	ng/ul	97
18) Nitrobenzene	9.01	77	139043	20.46	ng/ul	99
19) Isophorone	9.53	82	275197	18.59	ng/ul	98
21) 2-Nitrophenol	9.71	139	62930	20.85	ng/ul	95
22) 2,4-Dimethylphenol	9.77	107	140197	19.32	ng/ul	99
23) Bis(2-Chloroethoxy)methane	10.01	93	177491	19.23	ng/ul	98
25) 2,4-Dichlorophenol	10.24	162	112540	19.75	ng/ul	96
26) Naphthalene	10.65	128	426170	19.43	ng/ul	99
28) 4-Chloroaniline	10.75	127	136651	21.91	ng/ul	100
29) Hexachlorobutadiene	10.93	225	60728	19.04	ng/ul	99
30) Caprolactam	11.50	113	50655	19.16	ng/ul	96
31) 4-Chloro-3-methylphenol	11.87	107	123669	19.02	ng/ul	95
32) 2-Methylnaphthalene	12.26	142	299754	19.46	ng/ul	100
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	124986	18.72	ng/ul	97
35) Hexachlorocyclopentadiene	12.61	237	56328	19.05	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.87	196	72466	18.95 ng/ul	93
37) 2,4,5-Trichlorophenol	12.93	196	83245	19.47 ng/ul	95
38) 1,1'-Biphenyl	13.27	154	370540	19.28 ng/ul	96
39) 2-Chloronaphthalene	13.31	162	274145	18.98 ng/ul	99
40) 2-Nitroaniline	13.51	65	73670	20.05 ng/ul	92
42) Dimethylphthalate	13.89	163	342124	19.76 ng/ul	99
43) 2,6-Dinitrotoluene	14.01	165	62564	20.92 ng/ul	95
45) Acenaphthylene	14.15	152	489102	19.63 ng/ul	100
46) 3-Nitroaniline	14.34	138	73760	22.00 ng/ul	96
47) Acenaphthene	14.50	153	319106	19.30 ng/ul	98
48) 2,4-Dinitrophenol	14.54	184	17015	15.57 ng/ul	91
50) 4-Nitrophenol	14.64	109	37501	19.43 ng/ul	92
51) Dibenzofuran	14.84	168	431823	19.50 ng/ul	100
52) 2,4-Dinitrotoluene	14.79	165	89070	20.80 ng/ul	96
53) 2,3,4,6-Tetrachlorophenol	15.06	232	66979	19.48 ng/ul#	95
54) Diethylphthalate	15.26	149	352035	20.07 ng/ul	98
56) Fluorene	15.48	166	375246	19.42 ng/ul	99
57) 4-Chlorophenyl-phenylether	15.48	204	168359	19.31 ng/ul	99
58) 4-Nitroaniline	15.50	138	99184	21.68 ng/ul	98
61) 4,6-Dinitro-2-methylphenol	15.55	198	40381	18.42 ng/ul#	89
62) N-Nitrosodiphenylamine	15.69	169	322753	19.48 ng/ul	98
63) 4-Bromophenyl-phenylether	16.37	248	102875	18.90 ng/ul	95
64) Hexachlorobenzene	16.48	284	113519	18.42 ng/ul	98
65) Atrazine	16.64	200	105878	19.84 ng/ul	98
66) Pentachlorophenol	16.83	266	45586	17.57 ng/ul	93
67) Phenanthrene	17.22	178	578580	19.62 ng/ul	99
69) Anthracene	17.31	178	596738	19.82 ng/ul	99
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	124488	18.47 ng/uL	99
71) Pentachlorobenzene	14.75	250	121882	18.45 ng/uL	98
72) Carbazole	17.58	167	567872	19.99 ng/ul	100
73) Di-n-butylphthalate	18.14	149	653547	21.53 ng/ul	99
74) Fluoranthene	19.23	202	667071	20.68 ng/ul	98
77) Pyrene	19.59	202	714105	19.79 ng/ul	98
78) Butylbenzylphthalate	20.49	149	288584	20.42 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	152452	18.73 ng/ul	99
80) Benzo(a)anthracene	21.33	228	650475	19.72 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	382216	20.62 ng/ul	98
82) Chrysene	21.39	228	619425	19.71 ng/ul	98
84) Di-n-octyl phthalate	22.16	149	628692	20.91 ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	616793	19.45 ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	630240	19.79 ng/ul	100
88) Benzo(a)pyrene	23.55	252	610530	19.39 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.01	276	694683	18.97 ng/ul	99
90) Dibenzo(a,h)anthracene	26.03	278	584103	19.07 ng/ul	99
91) Benzo(g,h,i)perylene	26.74	276	585321	19.13 ng/ul	97

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

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