Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017910.D
Acq On : 16 Jul 2015 8:19
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Jul 16 13:03:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	92841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	432367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	267930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	574984	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	590948	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	549204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	17561	6.77	ng/uL	0.00
5) Phenol-d5	6.76	99	144513	18.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	83131	15.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	122682	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	117641	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	59816	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	53495	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	112042	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	160357	21.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	373288	19.98	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	464775	19.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	65256	18.51	ng/ul	0.00
57) Fluorene-d10	15.24	176	339847	19.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	47221	17.55	ng/ul	0.00
70) Anthracene-d10	17.10	188	501364	19.24	ng/ul	0.00
78) Pyrene-d10	19.40	212	553250	19.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	522775	19.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	16081	5.79	ng/uL	98
4) Benzaldehyde	6.73	77	65527	13.97	ng/ul	89
6) Phenol	6.79	94	159006	18.11	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.02	93	121104	16.90	ng/ul	94
10) 2-Chlorophenol	7.15	128	127989	20.37	ng/ul#	89
11) 2-Methylphenol	8.03	108	117389	18.40	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	147952	14.21	ng/ul#	97
14) Acetophenone	8.40	105	184819	18.09	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.39	70	99088	15.74	ng/ul#	83
16) 4-Methylphenol	8.36	108	129344	18.60	ng/ul	97
17) Hexachloroethane	8.65	117	53129	17.72	ng/ul	90
20) Nitrobenzene	8.78	77	136609	15.35	ng/ul	90
21) Isophorone	9.30	82	271080	16.28	ng/ul#	93
23) 2-Nitrophenol	9.49	139	65106	21.64	ng/ul#	84
24) 2,4-Dimethylphenol	9.55	107	138919	18.06	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	161547	17.26	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	115502	22.04	ng/ul	94
28) Naphthalene	10.42	128	421342	18.83	ng/ul	99
30) 4-Chloroaniline	10.53	127	167208	21.52	ng/ul	97
31) Hexachlorobutadiene	10.70	225	66568	20.16	ng/ul	94
32) Caprolactam	11.28	113	77399	20.15	ng/ul#	75
33) 4-Chloro-3-methylphenol	11.67	107	125289	19.48	ng/ul#	84
34) 2-Methylnaphthalene	12.04	142	305194	20.11	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	134986	19.15	ng/ul#	91
37) Hexachlorocyclopentadiene	12.40	237	63843	17.42	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.66	196	77445	20.26	ng/ul	91
39) 2,4,5-Trichlorophenol	12.73	196	91395	21.91	ng/ul	94
40) 1,1'-Biphenyl	13.07	154	390420	18.83	ng/ul#	94
41) 2-Chloronaphthalene	13.11	162	298968	18.78	ng/ul	95
42) 2-Nitroaniline	13.32	65	73990	15.84	ng/ul	86
44) Dimethylphthalate	13.71	163	387113	19.73	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	72071	20.16	ng/ul#	87
47) Acenaphthylene	13.96	152	495287	18.45	ng/ul	100
48) 3-Nitroaniline	14.15	138	77890	19.11	ng/ul	98
49) Acenaphthene	14.30	153	332367	18.41	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	22289	14.79	ng/ul#	77
52) 4-Nitrophenol	14.46	109	47353	15.84	ng/ul#	76
53) Dibenzofuran	14.65	168	451918	19.00	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	102727	20.04	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	14.87	232	71491	22.21	ng/ul	91
56) Diethylphthalate	15.09	149	402904	19.95	ng/ul	97
58) Fluorene	15.30	166	390051	18.88	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	188726	19.68	ng/ul	93
60) 4-Nitroaniline	15.32	138	83895	17.29	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.38	198	53225	17.74	ng/ul#	85
64) N-Nitrosodiphenylamine	15.52	169	328733	18.78	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	111471	20.21	ng/ul	90
66) Hexachlorobenzene	16.30	284	119089	19.89	ng/ul	90
67) Atrazine	16.47	200	120693	20.10	ng/ul	98
68) Pentachlorophenol	16.65	266	50189	16.91	ng/ul	93
69) Phenanthrene	17.04	178	601379	18.94	ng/ul	99
71) Anthracene	17.13	178	611589	18.81	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	134712	18.41	ng/uL	96
73) Pentachlorobenzene	14.56	250	137467	19.58	ng/uL	92
74) Carbazole	17.40	167	567664	20.02	ng/ul	99
75) Di-n-butylphthalate	17.98	149	719955	20.24	ng/ul	97
76) Fluoranthene	19.06	202	675646	20.96	ng/ul	97
79) Pyrene	19.43	202	710756	19.54	ng/ul	98
80) Butylbenzylphthalate	20.34	149	301162	20.48	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.13	252	182212	20.58	ng/ul#	98
82) Benzo(a)anthracene	21.19	228	642772	19.70	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	410145	20.13	ng/ul	94
84) Chrysene	21.23	228	612499	19.56	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	642074	19.95	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	609364	20.11	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	606655	19.43	ng/ul	96
90) Benzo(a)pyrene	23.32	252	602743	19.80	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	660033	20.27	ng/ul	94
92) Dibenzo(a,h)anthracene	25.68	278	559819	20.21	ng/ul	96
93) Benzo(g,h,i)perylene	26.36	276	548164	20.11	ng/ul	99

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

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