Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
Data File : BG018437.D
Acq On : 14 Aug 2015 20:33
Operator : UM/MA
Sample : MDL-03-W
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 17 03:59:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 03:15:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	87396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	393158	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	252015	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	633860	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	629826	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	615289	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	10131	5.12	ng/uL	0.00
5) Phenol-d5	7.17	99	233508	29.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	145854	29.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	176346	29.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	199213	29.89	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	94590	30.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	101988	32.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	194969	29.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	287346	38.38	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	663733	31.30	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	820619	30.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	129429	33.94	ng/ul	0.00
58) Fluorene-d10	15.63	176	580064	31.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	99911	32.05	ng/ul	0.00
71) Anthracene-d10	17.49	188	957972	31.60	ng/ul	0.00
79) Pyrene-d10	19.77	212	1037683	31.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	1051710	32.20	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	1532m	0.72	ng/uL	
4) Benzaldehyde	7.15	77	13106	2.82	ng/ul	92
6) Phenol	7.20	94	19923	2.46	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.43	93	17606	2.83	ng/ul#	87
10) 2-Chlorophenol	7.58	128	14670	2.37	ng/ul	92
11) 2-Methylphenol	8.46	108	14676	2.34	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.55	45	21640	2.17	ng/ul#	93
14) Acetophenone	8.84	105	26413	2.74	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.81	70	14086	2.55	ng/ul	95
16) 4-Methylphenol	8.78	108	17145	2.50	ng/ul	94
17) Hexachloroethane	9.10	117	6609	2.48	ng/ul	85
20) Nitrobenzene	9.22	77	19609	2.54	ng/ul#	86
21) Isophorone	9.74	82	38939	2.62	ng/ul	99
23) 2-Nitrophenol	9.94	139	9025	2.60	ng/ul#	74
24) 2,4-Dimethylphenol	9.99	107	17950	2.31	ng/ul#	91
25) Bis(2-Chloroethoxy)methane	10.22	93	23637	2.55	ng/ul	98
27) 2,4-Dichlorophenol	10.46	162	15889	2.56	ng/ul	94
28) Naphthalene	10.87	128	54898	2.64	ng/ul#	94
30) 4-Chloroaniline	10.98	127	25596	3.36	ng/ul	96
31) Hexachlorobutadiene	11.16	225	10139	2.59	ng/ul	94
32) Caprolactam	11.74	113	6056m	2.42	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	18566	2.58	ng/ul#	89
34) 2-Methylnaphthalene	12.48	142	39144	2.60	ng/ul	82

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	19745	2.44 ng/ul	94
38) Hexachlorocyclopentadiene	12.82	237	11170	2.32 ng/ul#	87
39) 2,4,6-Trichlorophenol	13.07	196	13473	2.45 ng/ul#	78
40) 2,4,5-Trichlorophenol	13.15	196	14390	2.43 ng/ul	99
41) 1,1'-Biphenyl	13.48	154	53570	2.55 ng/ul	96
42) 2-Chloronaphthalene	13.52	162	40777	2.50 ng/ul	98
43) 2-Nitroaniline	13.71	65	13709	2.60 ng/ul	97
45) Dimethylphthalate	14.09	163	55840	2.67 ng/ul#	95
46) 2,6-Dinitrotoluene	14.21	165	10986	2.64 ng/ul#	89
48) Acenaphthylene	14.37	152	70570	2.64 ng/ul	95
49) 3-Nitroaniline	14.54	138	12941	3.05 ng/ul	89
50) Acenaphthene	14.71	153	46772	2.49 ng/ul	96
51) 2,4-Dinitrophenol	14.74	184	4120	2.03 ng/ul#	79
53) 4-Nitrophenol	14.85	109	9523	2.87 ng/ul#	85
54) Dibenzofuran	15.04	168	65831	2.68 ng/ul	100
55) 2,4-Dinitrotoluene	14.99	165	15523	2.61 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.26	232	12876	2.50 ng/ul#	82
57) Diethylphthalate	15.45	149	60131	2.71 ng/ul	96
59) Fluorene	15.69	166	55264	2.62 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.68	204	27122	2.71 ng/ul	98
61) 4-Nitroaniline	15.69	138	12769	2.72 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.76	198	9188	2.76 ng/ul#	86
65) N-Nitrosodiphenylamine	15.89	169	46491	2.44 ng/ul	99
66) 4-Bromophenyl-phenylether	16.57	248	17014	2.48 ng/ul	90
67) Hexachlorobenzene	16.69	284	18199	2.51 ng/ul	94
68) Atrazine	16.83	200	11636	1.63 ng/ul	93
69) Pentachlorophenol	17.04	266	7361	1.52 ng/ul	95
70) Phenanthrene	17.43	178	96844	2.82 ng/ul	98
72) Anthracene	17.52	178	100923	2.88 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	18725	2.14 ng/uL#	93
74) Pentachlorobenzene	14.96	250	19131	2.28 ng/uL	94
75) Carbazole	17.79	167	88635	2.88 ng/ul	95
76) Di-n-butylphthalate	18.34	149	116890	2.91 ng/ul	98
77) Fluoranthene	19.43	202	115198	3.14 ng/ul	98
80) Pyrene	19.79	202	122034	2.87 ng/ul	96
81) Butylbenzylphthalate	20.68	149	49273	2.74 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.54	252	19623	1.50 ng/ul	99
83) Benzo(a)anthracene	21.62	228	109751	2.81 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	72055	2.83 ng/ul#	98
85) Chrysene	21.69	228	100599	2.76 ng/ul	94
87) Di-n-octyl phthalate	22.75	149	125477	3.16 ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	103891m	2.69 ng/ul	
89) Benzo(k)fluoranthene	23.90	252	99121	2.66 ng/ul	99
91) Benzo(a)pyrene	24.69	252	96793	2.63 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.47	276	111858m	2.63 ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	95939m	2.72 ng/ul	
94) Benzo(g,h,i)perylene	29.61	276	93621	2.62 ng/ul#	90

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

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