Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
Data File : BG018441.D
Acq On : 14 Aug 2015 23:06
Operator : UM/MA
Sample : MDL-07-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 17 04:24:58 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	8.02	152	78764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	373453	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	241260	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	628568	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	659651	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	637092	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	11523	6.46	ng/uL	0.00
5) Phenol-d5	7.17	99	249348	34.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	162526	36.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	190329	34.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	212175	35.33	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	104136	35.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	108646	36.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	202341	32.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	293407	41.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	737847	36.35	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	896453	35.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	146316	40.07	ng/ul	0.00
58) Fluorene-d10	15.63	176	641392	36.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	113549	36.73	ng/ul	0.00
71) Anthracene-d10	17.48	188	1084088	36.06	ng/ul	0.00
79) Pyrene-d10	19.76	212	1194054	34.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1234696	36.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	1544	0.81	ng/uL#	71
4) Benzaldehyde	7.16	77	16015	3.82	ng/ul#	87
6) Phenol	7.20	94	22101	3.03	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	18290	3.26	ng/ul	93
10) 2-Chlorophenol	7.58	128	16786	3.01	ng/ul	96
11) 2-Methylphenol	8.45	108	16782	2.97	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.55	45	22504	2.50	ng/ul#	90
14) Acetophenone	8.84	105	29445	3.39	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.81	70	16092	3.23	ng/ul	89
16) 4-Methylphenol	8.78	108	18177	2.95	ng/ul	96
17) Hexachloroethane	9.11	117	6870	2.86	ng/ul	93
20) Nitrobenzene	9.22	77	21169	2.88	ng/ul#	89
21) Isophorone	9.74	82	44622	3.16	ng/ul#	93
23) 2-Nitrophenol	9.93	139	10055	3.05	ng/ul#	83
24) 2,4-Dimethylphenol	9.99	107	20188	2.74	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.22	93	26721	3.03	ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	16734	2.84	ng/ul	94
28) Naphthalene	10.88	128	57716	2.92	ng/ul	96
30) 4-Chloroaniline	10.97	127	26065	3.60	ng/ul	88
31) Hexachlorobutadiene	11.16	225	10693	2.87	ng/ul	96
32) Caprolactam	11.75	113	7382m	3.11	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	20437	2.99	ng/ul	90
34) 2-Methylnaphthalene	12.47	142	44021	3.08	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	22586	2.92 ng/ul	88
38) Hexachlorocyclopentadiene	12.82	237	10897	2.37 ng/ul#	68
39) 2,4,6-Trichlorophenol	13.08	196	14122	2.68 ng/ul	91
40) 2,4,5-Trichlorophenol	13.15	196	15490	2.73 ng/ul	93
41) 1,1'-Biphenyl	13.48	154	59615	2.96 ng/ul	98
42) 2-Chloronaphthalene	13.52	162	44675	2.86 ng/ul	92
43) 2-Nitroaniline	13.71	65	15451	3.06 ng/ul	94
45) Dimethylphthalate	14.09	163	61539	3.07 ng/ul#	91
46) 2,6-Dinitrotoluene	14.21	165	12741	3.20 ng/ul	90
48) Acenaphthylene	14.37	152	78455	3.06 ng/ul	96
49) 3-Nitroaniline	14.53	138	13518	3.32 ng/ul#	93
50) Acenaphthene	14.71	153	52502	2.92 ng/ul	96
51) 2,4-Dinitrophenol	14.74	184	4265	2.19 ng/ul	90
53) 4-Nitrophenol	14.85	109	9345	2.94 ng/ul	85
54) Dibenzofuran	15.04	168	75993	3.23 ng/ul	93
55) 2,4-Dinitrotoluene	14.99	165	17181	3.02 ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.26	232	13828	2.80 ng/ul#	94
57) Diethylphthalate	15.45	149	67232	3.16 ng/ul	97
59) Fluorene	15.69	166	63149	3.12 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.68	204	30152	3.15 ng/ul	95
61) 4-Nitroaniline	15.69	138	15951	3.55 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.76	198	10491	3.18 ng/ul#	86
65) N-Nitrosodiphenylamine	15.89	169	57461	3.04 ng/ul	91
66) 4-Bromophenyl-phenylether	16.57	248	19255	2.83 ng/ul	92
67) Hexachlorobenzene	16.69	284	19789	2.75 ng/ul	95
68) Atrazine	16.84	200	22467	3.17 ng/ul#	93
69) Pentachlorophenol	17.03	266	10839	2.25 ng/ul#	88
70) Phenanthrene	17.43	178	110410m	3.24 ng/ul	
72) Anthracene	17.52	178	112903	3.25 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	21074	2.42 ng/uL	99
74) Pentachlorobenzene	14.96	250	22045	2.65 ng/uL	97
75) Carbazole	17.78	167	106342	3.49 ng/ul	99
76) Di-n-butylphthalate	18.35	149	133134	3.34 ng/ul	99
77) Fluoranthene	19.43	202	136077	3.74 ng/ul	97
80) Pyrene	19.79	202	141709	3.18 ng/ul	99
81) Butylbenzylphthalate	20.68	149	56844	3.01 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.54	252	45046	3.29 ng/ul	95
83) Benzo(a)anthracene	21.62	228	129725	3.17 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	83716	3.14 ng/ul	99
85) Chrysene	21.69	228	116508	3.05 ng/ul	92
87) Di-n-octyl phthalate	22.75	149	145392	3.54 ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	123436	3.08 ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	118301	3.07 ng/ul	96
91) Benzo(a)pyrene	24.69	252	116006	3.05 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.48	276	133743	3.04 ng/ul#	91
93) Dibenzo(a,h)anthracene	28.54	278	107437	2.94 ng/ul	95
94) Benzo(g,h,i)perylene	29.61	276	109642m	2.96 ng/ul	

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

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