Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
Data File : BG018440.D
Acq On : 14 Aug 2015 22:27
Operator : UM/MA
Sample : MDL-06-W
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 17 04:22:11 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	90177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	406544	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	258628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	650275	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	659834	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	647994	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	13706	6.72	ng/uL	0.00
5) Phenol-d5	7.17	99	275957	33.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	176296	34.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	208325	33.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	235705	34.28	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	114723	36.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	121066	37.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	228048	33.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	329088	42.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	795315	36.55	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	973855	35.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	155118	39.63	ng/ul	0.00
58) Fluorene-d10	15.64	176	696166	36.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	123668	38.66	ng/ul	0.00
71) Anthracene-d10	17.49	188	1136035	36.53	ng/ul	0.00
79) Pyrene-d10	19.77	212	1232697	36.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1291225	37.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2340	1.07	ng/uL#	76
4) Benzaldehyde	7.15	77	17282	3.60	ng/ul#	80
6) Phenol	7.20	94	24016	2.88	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.43	93	20256	3.15	ng/ul	98
10) 2-Chlorophenol	7.59	128	17625	2.76	ng/ul	98
11) 2-Methylphenol	8.46	108	18246	2.82	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.55	45	27287	2.65	ng/ul#	95
14) Acetophenone	8.83	105	30175	3.04	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.81	70	17364	3.05	ng/ul#	89
16) 4-Methylphenol	8.78	108	17608	2.49	ng/ul	90
17) Hexachloroethane	9.10	117	7511	2.73	ng/ul#	80
20) Nitrobenzene	9.22	77	22810	2.85	ng/ul#	95
21) Isophorone	9.74	82	48803	3.17	ng/ul	99
23) 2-Nitrophenol	9.93	139	11656	3.25	ng/ul#	85
24) 2,4-Dimethylphenol	9.99	107	23151	2.88	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.22	93	27484	2.87	ng/ul	95
27) 2,4-Dichlorophenol	10.46	162	18676	2.91	ng/ul#	84
28) Naphthalene	10.87	128	64173	2.99	ng/ul#	95
30) 4-Chloroaniline	10.98	127	28798	3.66	ng/ul	97
31) Hexachlorobutadiene	11.16	225	11237	2.77	ng/ul	87
32) Caprolactam	11.75	113	8487m	3.28	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	20550	2.76	ng/ul#	82
34) 2-Methylnaphthalene	12.47	142	46485	2.99	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	22702	2.74 ng/ul#	89
38) Hexachlorocyclopentadiene	12.82	237	13713	2.78 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.08	196	16777	2.97 ng/ul	99
40) 2,4,5-Trichlorophenol	13.14	196	16712	2.75 ng/ul	97
41) 1,1'-Biphenyl	13.48	154	63261	2.93 ng/ul	96
42) 2-Chloronaphthalene	13.52	162	48634	2.90 ng/ul	99
43) 2-Nitroaniline	13.71	65	16297	3.01 ng/ul	94
45) Dimethylphthalate	14.09	163	66349	3.09 ng/ul	96
46) 2,6-Dinitrotoluene	14.21	165	11920	2.79 ng/ul	93
48) Acenaphthylene	14.37	152	83335	3.03 ng/ul	97
49) 3-Nitroaniline	14.54	138	14933	3.42 ng/ul#	82
50) Acenaphthene	14.71	153	56185	2.91 ng/ul	91
51) 2,4-Dinitrophenol	14.74	184	4255	2.04 ng/ul	92
53) 4-Nitrophenol	14.84	109	10062	2.96 ng/ul#	74
54) Dibenzofuran	15.04	168	80184	3.18 ng/ul	100
55) 2,4-Dinitrotoluene	14.99	165	19613	3.21 ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.27	232	15216	2.88 ng/ul#	92
57) Diethylphthalate	15.45	149	73629	3.23 ng/ul	100
59) Fluorene	15.69	166	66757	3.08 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.68	204	30376	2.96 ng/ul	94
61) 4-Nitroaniline	15.69	138	15851	3.29 ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.76	198	10725	3.14 ng/ul#	63
65) N-Nitrosodiphenylamine	15.89	169	58575	2.99 ng/ul	94
66) 4-Bromophenyl-phenylether	16.58	248	20808	2.96 ng/ul	94
67) Hexachlorobenzene	16.69	284	21344	2.87 ng/ul	95
68) Atrazine	16.83	200	23410	3.20 ng/ul	89
69) Pentachlorophenol	17.03	266	10684	2.15 ng/ul#	84
70) Phenanthrene	17.43	178	113787	3.23 ng/ul	94
72) Anthracene	17.52	178	114916	3.20 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	22148	2.46 ng/uL	97
74) Pentachlorobenzene	14.96	250	22670	2.64 ng/uL	95
75) Carbazole	17.78	167	106776	3.39 ng/ul	99
76) Di-n-butylphthalate	18.34	149	137275	3.33 ng/ul	99
77) Fluoranthene	19.43	202	142594	3.78 ng/ul	97
80) Pyrene	19.80	202	144660	3.24 ng/ul	96
81) Butylbenzylphthalate	20.68	149	57071	3.02 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	48878	3.57 ng/ul	95
83) Benzo(a)anthracene	21.62	228	132943	3.25 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	87590	3.28 ng/ul#	99
85) Chrysene	21.69	228	118272	3.09 ng/ul	95
87) Di-n-octyl phthalate	22.75	149	148092	3.54 ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	126858	3.12 ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	122655	3.13 ng/ul	96
91) Benzo(a)pyrene	24.70	252	115695	2.99 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.48	276	138186m	3.09 ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	112602	3.03 ng/ul	96
94) Benzo(g,h,i)perylene	29.62	276	110229m	2.93 ng/ul	

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

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