Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
Data File : BG018448.D
Acq On : 17 Aug 2015 11:42
Operator : UM/MA
Sample : MDL-03-S
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:20:50 PM

Quant Time: Aug 18 02:09:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 01:30:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	93449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	436291	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	293975	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	758398	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	775622	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	754713	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	11723	5.54	ng/uL	0.00
5) Phenol-d5	7.17	99	264957	31.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	165936	31.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	197208	30.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	224647	31.52	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	109492	32.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	113892	32.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	214006	29.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	444389	53.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	785563	31.76	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	941467	30.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	152967	34.38	ng/ul	0.00
58) Fluorene-d10	15.63	176	685661	31.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	115936	31.08	ng/ul	0.00
71) Anthracene-d10	17.49	188	1130967	31.18	ng/ul	0.00
79) Pyrene-d10	19.76	212	1266818	31.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	1298398	32.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	1691m	0.75	ng/uL	
4) Benzaldehyde	7.15	77	15844	3.18	ng/ul	93
6) Phenol	7.20	94	21445	2.48	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.43	93	19051	2.86	ng/ul	97
10) 2-Chlorophenol	7.58	128	17137	2.59	ng/ul#	90
11) 2-Methylphenol	8.45	108	17103	2.55	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	24979	2.34	ng/ul#	85
14) Acetophenone	8.83	105	30591	2.97	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.81	70	18069	3.06	ng/ul	89
16) 4-Methylphenol	8.78	108	20207	2.76	ng/ul#	65
17) Hexachloroethane	9.10	117	6287	2.20	ng/ul#	80
20) Nitrobenzene	9.21	77	22892	2.67	ng/ul#	87
21) Isophorone	9.74	82	48761	2.95	ng/ul#	93
23) 2-Nitrophenol	9.92	139	10593	2.75	ng/ul#	81
24) 2,4-Dimethylphenol	9.98	107	20433	2.37	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.22	93	27176	2.64	ng/ul#	94
27) 2,4-Dichlorophenol	10.46	162	17198	2.50	ng/ul#	84
28) Naphthalene	10.87	128	60690	2.63	ng/ul	99
30) 4-Chloroaniline	10.97	127	38694	4.58	ng/ul	98
31) Hexachlorobutadiene	11.16	225	10740	2.47	ng/ul	95
32) Caprolactam	11.74	113	7986m	2.88	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	19876	2.49	ng/ul#	87
34) 2-Methylnaphthalene	12.47	142	46684	2.80	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	22809	2.42	ng/ul	95
38) Hexachlorocyclopentadiene	12.83	237	11032	1.97	ng/ul#	76
39) 2,4,6-Trichlorophenol	13.07	196	14991	2.33	ng/ul#	88
40) 2,4,5-Trichlorophenol	13.15	196	16212	2.35	ng/ul#	86
41) 1,1'-Biphenyl	13.48	154	62651	2.55	ng/ul#	94
42) 2-Chloronaphthalene	13.52	162	45228	2.37	ng/ul	98
43) 2-Nitroaniline	13.71	65	16601	2.70	ng/ul#	83
45) Dimethylphthalate	14.09	163	64946	2.66	ng/ul#	98
46) 2,6-Dinitrotoluene	14.21	165	12867	2.65	ng/ul	90
48) Acenaphthylene	14.37	152	84692	2.71	ng/ul	100
49) 3-Nitroaniline	14.54	138	14863	3.00	ng/ul	91
50) Acenaphthene	14.71	153	57554	2.63	ng/ul	96
51) 2,4-Dinitrophenol	14.74	184	3640	1.54	ng/ul#	88
53) 4-Nitrophenol	14.84	109	10066	2.60	ng/ul#	75
54) Dibenzofuran	15.04	168	76500	2.67	ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	19068	2.75	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.27	232	14456	2.40	ng/ul#	86
57) Diethylphthalate	15.45	149	71797	2.77	ng/ul	98
59) Fluorene	15.69	166	72020	2.92	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	32392	2.78	ng/ul	94
61) 4-Nitroaniline	15.69	138	17394	3.18	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.76	198	10685	2.69	ng/ul#	85
65) N-Nitrosodiphenylamine	15.89	169	56555	2.48	ng/ul	97
66) 4-Bromophenyl-phenylether	16.57	248	19935	2.43	ng/ul	95
67) Hexachlorobenzene	16.70	284	21804	2.51	ng/ul#	88
68) Atrazine	16.83	200	9764	1.14	ng/ul	97
69) Pentachlorophenol	17.03	266	10415	1.79	ng/ul	96
70) Phenanthrene	17.43	178	114088	2.77	ng/ul	98
72) Anthracene	17.51	178	119523	2.85	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	22215	2.12	ng/uL	94
74) Pentachlorobenzene	14.96	250	23528	2.35	ng/uL	93
75) Carbazole	17.78	167	106224	2.89	ng/ul	96
76) Di-n-butylphthalate	18.34	149	142130	2.96	ng/ul	100
77) Fluoranthene	19.43	202	147658	3.36	ng/ul	97
80) Pyrene	19.79	202	150373	2.87	ng/ul	98
81) Butylbenzylphthalate	20.68	149	56901	2.56	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.54	252	15799	0.98	ng/ul#	98
83) Benzo(a)anthracene	21.62	228	132589	2.76	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	86101	2.75	ng/ul	97
85) Chrysene	21.69	228	128382	2.86	ng/ul	93
87) Di-n-octyl phthalate	22.74	149	151993	3.12	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	132590	2.80	ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	121356	2.66	ng/ul	98
91) Benzo(a)pyrene	24.69	252	122250	2.71	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.47	276	141314m	2.71	ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	113566	2.62	ng/ul#	96
94) Benzo(g,h,i)perylene	29.61	276	115364m	2.63	ng/ul	

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

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