Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023251.D
Acq On : 25 Jul 2016 13:41
Operator : UM/SJ
Sample : MDL-03-S
Misc : MDL 4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-03-S

Manual Integrations
APPROVED
SOHIL
7/26/2016 11:40:39 AM

Quant Time: Jul 25 14:33:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	115165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	567994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	407409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	1005202m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1034152m	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1015274	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	8706	3.42	ng/uL	0.00
5) Phenol-d5	7.29	99	371585	31.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	271391	34.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	257559	32.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	292627	31.67	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	149736	32.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	170403	32.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	295840	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	407503m	39.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1144853	33.80	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1321208	34.32	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	169547	28.36	ng/ul	0.00
57) Fluorene-d10	15.81	176	1040487	33.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	200439m	28.98	ng/ul	0.00
70) Anthracene-d10	17.68	188	1608885	34.19	ng/ul	0.00
76) Pyrene-d10	19.96	212	1790377	33.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1655342	34.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	2705	0.99	ng/uL#	80
4) Benzaldehyde	7.27	77	25786	3.50	ng/ul#	75
6) Phenol	7.31	94	34744	2.81	ng/ul#	56
8) Bis(2-Chloroethyl)ether	7.55	93	28096	3.02	ng/ul	89
10) 2-Chlorophenol	7.69	128	19740	2.41	ng/ul#	82
11) 2-Methylphenol	8.58	108	26540	2.91	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.67	45	41893	3.33	ng/ul	96
14) Acetophenone	8.97	105	46123	2.87	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.94	70	30400	2.87	ng/ul#	83
16) 4-Methylphenol	8.91	108	27459	2.70	ng/ul	94
17) Hexachloroethane	9.23	117	10637	2.74	ng/ul#	79
20) Nitrobenzene	9.36	77	42103	2.87	ng/ul#	70
21) Isophorone	9.88	82	74627	2.67	ng/ul#	88
23) 2-Nitrophenol	10.08	139	15736	2.78	ng/ul#	55
24) 2,4-Dimethylphenol	10.13	107	33669	2.59	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.37	93	44325	2.87	ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	26325	2.67	ng/ul	89
28) Naphthalene	11.03	128	84118	2.95	ng/ul	97
30) 4-Chloroaniline	11.14	127	35868	3.36	ng/ul	95
31) Hexachlorobutadiene	11.31	225	21463	2.70	ng/ul#	72
32) Caprolactam	11.92	113	10242m	2.50	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	30968	2.39	ng/ul#	92
34) 2-Methylnaphthalene	12.63	142	72659	3.07	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	41848	3.08	ng/ul	92
37) Hexachlorocyclopentadiene	12.97	237	18703	2.12	ng/ul#	85
38) 2,4,6-Trichlorophenol	13.24	196	23300	2.48	ng/ul	96
39) 2,4,5-Trichlorophenol	13.32	196	25450	2.65	ng/ul	93
40) 1,1'-Biphenyl	13.63	154	97963	3.21	ng/ul	91
41) 2-Chloronaphthalene	13.68	162	77642	3.15	ng/ul	95
42) 2-Nitroaniline	13.89	65	30309	2.77	ng/ul#	55
44) Dimethylphthalate	14.25	163	102938	3.00	ng/ul#	99
45) 2,6-Dinitrotoluene	14.38	165	19201	2.58	ng/ul#	71
47) Acenaphthylene	14.53	152	127351	3.27	ng/ul	97
48) 3-Nitroaniline	14.72	138	18546	2.92	ng/ul#	74
49) Acenaphthene	14.87	153	79839	3.03	ng/ul	98
50) 2,4-Dinitrophenol	14.93	184	5970m	1.28	ng/ul	
52) 4-Nitrophenol	15.03	109	17332	2.44	ng/ul#	57
53) Dibenzofuran	15.21	168	122688	3.16	ng/ul#	85
54) 2,4-Dinitrotoluene	15.17	165	31658	2.79	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.44	232	22010	2.27	ng/ul#	87
56) Diethylphthalate	15.61	149	109913	3.01	ng/ul	95
58) Fluorene	15.86	166	101467	3.17	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	52110	2.97	ng/ul	91
60) 4-Nitroaniline	15.88	138	22410	2.87	ng/ul#	33
63) 4,6-Dinitro-2-methylphenol	15.94	198	19626m	2.68	ng/ul	
64) N-Nitrosodiphenylamine	16.07	169	89062	3.07	ng/ul	97
65) 4-Bromophenyl-phenylether	16.75	248	34494	2.98	ng/ul	90
66) Hexachlorobenzene	16.87	284	33939	2.87	ng/ul	93
67) Atrazine	17.02	200	31625	2.55	ng/ul	95
68) Pentachlorophenol	17.22	266	12352m	1.68	ng/ul	
69) Phenanthrene	17.62	178	175386m	3.39	ng/ul	
71) Anthracene	17.70	178	182602	3.37	ng/ul	97
72) Carbazole	17.98	167	140903m	3.30	ng/ul	
73) Di-n-butylphthalate	18.52	149	177819m	3.00	ng/ul	
74) Fluoranthene	19.63	202	203583m	3.74	ng/ul	
77) Pyrene	19.99	202	218493m	3.48	ng/ul	
78) Butylbenzylphthalate	20.87	149	72914m	2.67	ng/ul	
79) 3,3'-Dichlorobenzidine	21.79	252	50366m	2.44	ng/ul	
80) Benzo(a)anthracene	21.87	228	202380m	3.30	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.75	149	104717	2.81	ng/ul	98
82) Chrysene	21.94	228	182869	3.28	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	170337	3.03	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	186151	3.01	ng/ul#	93
86) Benzo(k)fluoranthene	24.28	252	181644	3.10	ng/ul#	90
88) Benzo(a)pyrene	25.13	252	185314	3.15	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.20	276	191720m	2.89	ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	155744m	2.85	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	156406m	2.86	ng/ul	

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

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