Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023253.D
Acq On : 25 Jul 2016 15:02
Operator : UM/SJ
Sample : MDL-05-S
Misc : MDL 4PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-05-S

Manual Integrations APPROVED
SOHIL
7/26/2016 11:40:44 AM

Quant Time: Jul 25 15:46:18 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	121394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	602404	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	427210	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1010546	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1063715	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1044247	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	7113	2.65	ng/uL	0.00
5) Phenol-d5	7.29	99	351224m	28.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	252068	30.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	240942	28.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	264518	27.16	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	134957	28.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	151351	26.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	260661	24.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	375796	34.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1084020	30.52	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1220611	30.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	154908	24.71	ng/ul	0.00
57) Fluorene-d10	15.81	176	968729	30.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	192886	27.74	ng/ul	0.00
70) Anthracene-d10	17.68	188	1517752	32.08	ng/ul	0.00
76) Pyrene-d10	19.96	212	1743886	31.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1609441	32.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	3872m	1.35	ng/uL	
4) Benzaldehyde	7.27	77	23853	3.07	ng/ul#	82
6) Phenol	7.32	94	30129	2.31	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.55	93	25007	2.55	ng/ul#	76
10) 2-Chlorophenol	7.70	128	18334	2.12	ng/ul#	61
11) 2-Methylphenol	8.59	108	20733	2.15	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.67	45	35903	2.71	ng/ul#	88
14) Acetophenone	8.97	105	42166	2.49	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.94	70	25852	2.31	ng/ul#	91
16) 4-Methylphenol	8.91	108	22713	2.12	ng/ul#	71
17) Hexachloroethane	9.23	117	11135	2.72	ng/ul	84
20) Nitrobenzene	9.36	77	37426	2.41	ng/ul#	78
21) Isophorone	9.88	82	65243	2.20	ng/ul#	89
23) 2-Nitrophenol	10.07	139	14885	2.48	ng/ul#	55
24) 2,4-Dimethylphenol	10.13	107	31141	2.26	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.37	93	36242	2.21	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	22655	2.16	ng/ul#	92
28) Naphthalene	11.03	128	71281	2.35	ng/ul#	93
30) 4-Chloroaniline	11.14	127	31334	2.77	ng/ul#	77
31) Hexachlorobutadiene	11.30	225	19475	2.31	ng/ul	95
32) Caprolactam	11.91	113	9203m	2.12	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	26669	1.94	ng/ul#	73
34) 2-Methylnaphthalene	12.63	142	56871	2.27	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	35994	2.53 ng/ul	93
37) Hexachlorocyclopentadiene	12.98	237	16128	1.74 ng/ul#	90
38) 2,4,6-Trichlorophenol	13.24	196	19045m	1.93 ng/ul	
39) 2,4,5-Trichlorophenol	13.32	196	19727	1.96 ng/ul	90
40) 1,1'-Biphenyl	13.64	154	81114	2.53 ng/ul	91
41) 2-Chloronaphthalene	13.69	162	65397	2.53 ng/ul	99
42) 2-Nitroaniline	13.89	65	25322	2.20 ng/ul#	57
44) Dimethylphthalate	14.25	163	93020	2.59 ng/ul	100
45) 2,6-Dinitrotoluene	14.38	165	16963	2.17 ng/ul#	68
47) Acenaphthylene	14.53	152	109331	2.67 ng/ul	98
48) 3-Nitroaniline	14.71	138	16672	2.50 ng/ul#	63
49) Acenaphthene	14.87	153	71662	2.59 ng/ul	93
50) 2,4-Dinitrophenol	14.93	184	4680	0.96 ng/ul#	81
52) 4-Nitrophenol	15.03	109	14572	1.95 ng/ul#	58
53) Dibenzofuran	15.21	168	111227	2.73 ng/ul#	77
54) 2,4-Dinitrotoluene	15.17	165	27111	2.28 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.44	232	20802	2.05 ng/ul#	96
56) Diethylphthalate	15.61	149	93050	2.43 ng/ul	97
58) Fluorene	15.86	166	92417	2.75 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.85	204	46702	2.54 ng/ul	98
60) 4-Nitroaniline	15.88	138	18129	2.21 ng/ul#	24
63) 4,6-Dinitro-2-methylphenol	15.94	198	17938	2.44 ng/ul#	62
64) N-Nitrosodiphenylamine	16.07	169	77148	2.64 ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	29228	2.51 ng/ul	98
66) Hexachlorobenzene	16.87	284	31199	2.62 ng/ul#	88
67) Atrazine	17.02	200	25463	2.04 ng/ul#	85
68) Pentachlorophenol	17.22	266	9881	1.34 ng/ul	95
69) Phenanthrene	17.62	178	150370	2.89 ng/ul	96
71) Anthracene	17.71	178	159921	2.93 ng/ul	96
72) Carbazole	17.98	167	125921	2.93 ng/ul	94
73) Di-n-butylphthalate	18.52	149	161244	2.71 ng/ul#	97
74) Fluoranthene	19.63	202	183948	3.36 ng/ul#	88
77) Pyrene	19.99	202	198989	3.08 ng/ul#	87
78) Butylbenzylphthalate	20.87	149	64407	2.29 ng/ul#	73
79) 3,3'-Dichlorobenzidine	21.79	252	46074	2.17 ng/ul#	90
80) Benzo(a)anthracene	21.87	228	183124	2.90 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.76	149	94866	2.47 ng/ul#	96
82) Chrysene	21.95	228	167956	2.93 ng/ul	97
84) Di-n-octyl phthalate	23.03	149	161763	2.80 ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	173421	2.73 ng/ul#	92
86) Benzo(k)fluoranthene	24.29	252	164736	2.74 ng/ul#	93
88) Benzo(a)pyrene	25.14	252	169605	2.80 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.20	276	175670m	2.58 ng/ul	
90) Dibenzo(a,h)anthracene	29.27	278	144447m	2.57 ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	147136m	2.61 ng/ul	

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

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