Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023263.D
Acq On : 25 Jul 2016 22:40
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc : MDL 4PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-06-S-ML

Manual Integrations APPROVED
SOHIL
7/26/2016 11:41:15 AM

Quant Time: Jul 26 10:35:55 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	8.13	152	167970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	803248	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	548528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1238264	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1283109	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1270942	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10987	2.96	ng/uL	0.00
5) Phenol-d5	7.29	99	671803	38.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	517514	45.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	326663	28.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	356885	26.49	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	184412	28.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	205218	27.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	351536	24.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	502098	34.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1349032	29.58	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1554485	29.99	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	214834	26.69	ng/ul	0.00
57) Fluorene-d10	15.81	176	1215415	29.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	237979	27.93	ng/ul	0.00
70) Anthracene-d10	17.67	188	1830430	31.58	ng/ul	0.00
76) Pyrene-d10	19.96	212	2057485	31.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1930253	32.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	2863m	0.72	ng/uL	
4) Benzaldehyde	7.27	77	43296	4.03	ng/ul	88
6) Phenol	7.31	94	61043	3.39	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.55	93	50840	3.75	ng/ul	87
10) 2-Chlorophenol	7.70	128	26925	2.25	ng/ul#	79
11) 2-Methylphenol	8.59	108	27529	2.07	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.67	45	44372	2.42	ng/ul	96
14) Acetophenone	8.97	105	54094	2.31	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.94	70	34937	2.26	ng/ul#	87
16) 4-Methylphenol	8.92	108	29033m	1.96	ng/ul	
17) Hexachloroethane	9.23	117	13463	2.38	ng/ul	89
20) Nitrobenzene	9.36	77	49517	2.39	ng/ul#	72
21) Isophorone	9.88	82	87517	2.21	ng/ul#	89
23) 2-Nitrophenol	10.07	139	18578	2.32	ng/ul#	68
24) 2,4-Dimethylphenol	10.13	107	42785	2.33	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.37	93	50223	2.30	ng/ul#	89
27) 2,4-Dichlorophenol	10.61	162	29150m	2.09	ng/ul	
28) Naphthalene	11.03	128	102527	2.54	ng/ul#	95
30) 4-Chloroaniline	11.13	127	42500	2.82	ng/ul	97
31) Hexachlorobutadiene	11.31	225	25389	2.26	ng/ul	96
32) Caprolactam	11.92	113	11814m	2.04	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	34707m	1.89	ng/ul	
34) 2-Methylnaphthalene	12.63	142	82974	2.48	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	45948	2.51	ng/ul	94
37) Hexachlorocyclopentadiene	12.98	237	20786	1.75	ng/ul	99
38) 2,4,6-Trichlorophenol	13.25	196	25003	1.97	ng/ul	90
39) 2,4,5-Trichlorophenol	13.32	196	25322m	1.96	ng/ul	
40) 1,1'-Biphenyl	13.64	154	109489	2.66	ng/ul#	93
41) 2-Chloronaphthalene	13.68	162	88920	2.68	ng/ul	100
42) 2-Nitroaniline	13.89	65	31439	2.13	ng/ul#	54
44) Dimethylphthalate	14.25	163	121253	2.62	ng/ul#	96
45) 2,6-Dinitrotoluene	14.38	165	23221	2.32	ng/ul#	82
47) Acenaphthylene	14.53	152	141938	2.70	ng/ul	94
48) 3-Nitroaniline	14.71	138	19838	2.32	ng/ul#	47
49) Acenaphthene	14.87	153	91733	2.59	ng/ul	95
50) 2,4-Dinitrophenol	14.93	184	7855	1.25	ng/ul	92
52) 4-Nitrophenol	15.03	109	17241	1.80	ng/ul#	41
53) Dibenzofuran	15.21	168	140169	2.68	ng/ul#	83
54) 2,4-Dinitrotoluene	15.17	165	34216	2.24	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	15.44	232	25303	1.94	ng/ul#	94
56) Diethylphthalate	15.61	149	124209	2.53	ng/ul	99
58) Fluorene	15.86	166	113860	2.64	ng/ul#	95
59) 4-Chlorophenyl-phenylether	15.85	204	57043	2.41	ng/ul#	88
60) 4-Nitroaniline	15.88	138	26770	2.54	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.94	198	21040	2.34	ng/ul#	45
64) N-Nitrosodiphenylamine	16.06	169	94212	2.63	ng/ul	97
65) 4-Bromophenyl-phenylether	16.75	248	35461	2.49	ng/ul	96
66) Hexachlorobenzene	16.87	284	37289	2.56	ng/ul	93
67) Atrazine	17.02	200	35687	2.34	ng/ul	98
68) Pentachlorophenol	17.22	266	14515	1.60	ng/ul#	83
69) Phenanthrene	17.62	178	193923	3.04	ng/ul	98
71) Anthracene	17.70	178	201782	3.02	ng/ul	96
72) Carbazole	17.98	167	158522	3.01	ng/ul	98
73) Di-n-butylphthalate	18.52	149	205360	2.82	ng/ul#	96
74) Fluoranthene	19.63	202	225097	3.36	ng/ul#	90
77) Pyrene	19.99	202	240329	3.08	ng/ul#	92
78) Butylbenzylphthalate	20.87	149	81366	2.40	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.78	252	59344	2.32	ng/ul	97
80) Benzo(a)anthracene	21.87	228	220153	2.89	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	121349	2.62	ng/ul#	95
82) Chrysene	21.94	228	207258m	3.00	ng/ul	
84) Di-n-octyl phthalate	23.03	149	199919	2.84	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	203721	2.63	ng/ul#	94
86) Benzo(k)fluoranthene	24.27	252	209877	2.86	ng/ul#	93
88) Benzo(a)pyrene	25.13	252	208857	2.83	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.19	276	209706m	2.53	ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	168641m	2.47	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	177143m	2.58	ng/ul	

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

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