Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023252.D
Acq On : 25 Jul 2016 14:22
Operator : UM/SJ
Sample : MDL-04-S
Misc : MDL 4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-04-S

Manual Integrations APPROVED
SOHIL
7/26/2016 11:40:41 AM

Quant Time: Jul 25 15:22:15 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	133121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	620504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	455206	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1066465	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1119844	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1075536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10341	3.51	ng/uL	0.00
5) Phenol-d5	7.29	99	380487	27.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	277604	30.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	266012	28.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	295036	27.63	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	152665	30.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	173201	29.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	289334	26.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	401691	35.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1150625	30.40	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1333596	31.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	170073	25.46	ng/ul	0.00
57) Fluorene-d10	15.81	176	1044825	30.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	200586	27.34	ng/ul	0.00
70) Anthracene-d10	17.67	188	1599535	32.04	ng/ul	0.00
76) Pyrene-d10	19.96	212	1792021	31.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1649922	32.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	3288m	1.04	ng/uL	
4) Benzaldehyde	7.27	77	29367	3.45	ng/ul#	73
6) Phenol	7.32	94	36869	2.58	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.55	93	33350	3.11	ng/ul	90
10) 2-Chlorophenol	7.69	128	25826	2.73	ng/ul#	85
11) 2-Methylphenol	8.58	108	27594	2.62	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.67	45	42396m	2.92	ng/ul	
14) Acetophenone	8.97	105	50531	2.72	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.94	70	35472	2.89	ng/ul#	89
16) 4-Methylphenol	8.92	108	29181	2.48	ng/ul	99
17) Hexachloroethane	9.23	117	13793	3.08	ng/ul#	83
20) Nitrobenzene	9.36	77	47451	2.96	ng/ul#	85
21) Isophorone	9.88	82	86436	2.83	ng/ul#	86
23) 2-Nitrophenol	10.07	139	17459	2.82	ng/ul#	55
24) 2,4-Dimethylphenol	10.13	107	39199	2.76	ng/ul#	74
25) Bis(2-Chloroethoxy)methane	10.36	93	46364	2.74	ng/ul	97
27) 2,4-Dichlorophenol	10.62	162	28131	2.61	ng/ul#	82
28) Naphthalene	11.02	128	94697	3.03	ng/ul#	91
30) 4-Chloroaniline	11.14	127	39581	3.39	ng/ul	97
31) Hexachlorobutadiene	11.31	225	24599	2.84	ng/ul	88
32) Caprolactam	11.92	113	11289m	2.52	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	37312	2.63	ng/ul#	74
34) 2-Methylnaphthalene	12.63	142	77349	3.00	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	45699	3.01 ng/ul#	82
37) Hexachlorocyclopentadiene	12.97	237	20747	2.10 ng/ul#	93
38) 2,4,6-Trichlorophenol	13.24	196	25244	2.40 ng/ul#	94
39) 2,4,5-Trichlorophenol	13.32	196	25449	2.37 ng/ul#	84
40) 1,1'-Biphenyl	13.63	154	108727	3.18 ng/ul	94
41) 2-Chloronaphthalene	13.68	162	84879	3.08 ng/ul	91
42) 2-Nitroaniline	13.89	65	30999	2.53 ng/ul#	63
44) Dimethylphthalate	14.25	163	113243	2.95 ng/ul	98
45) 2,6-Dinitrotoluene	14.37	165	21665	2.60 ng/ul#	67
47) Acenaphthylene	14.53	152	135254	3.10 ng/ul	97
48) 3-Nitroaniline	14.72	138	19981	2.81 ng/ul#	60
49) Acenaphthene	14.87	153	90562	3.08 ng/ul	95
50) 2,4-Dinitrophenol	14.93	184	6551	1.26 ng/ul	91
52) 4-Nitrophenol	15.03	109	17000	2.14 ng/ul#	60
53) Dibenzofuran	15.21	168	140514	3.24 ng/ul#	86
54) 2,4-Dinitrotoluene	15.17	165	33872	2.67 ng/ul#	60
55) 2,3,4,6-Tetrachlorophenol	15.44	232	25002	2.31 ng/ul#	95
56) Diethylphthalate	15.61	149	121900	2.99 ng/ul	98
58) Fluorene	15.86	166	112081	3.13 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.84	204	56558	2.88 ng/ul	92
60) 4-Nitroaniline	15.88	138	24619	2.82 ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.94	198	22572	2.91 ng/ul#	73
64) N-Nitrosodiphenylamine	16.07	169	96519	3.13 ng/ul	97
65) 4-Bromophenyl-phenylether	16.75	248	36187	2.95 ng/ul#	81
66) Hexachlorobenzene	16.87	284	38410	3.06 ng/ul#	92
67) Atrazine	17.02	200	33146	2.52 ng/ul	99
68) Pentachlorophenol	17.22	266	12155	1.56 ng/ul#	87
69) Phenanthrene	17.62	178	184687	3.36 ng/ul	96
71) Anthracene	17.71	178	199498	3.47 ng/ul	94
72) Carbazole	17.98	167	155261	3.43 ng/ul#	97
73) Di-n-butylphthalate	18.52	149	198799	3.17 ng/ul#	96
74) Fluoranthene	19.63	202	228047	3.95 ng/ul#	87
77) Pyrene	19.99	202	240376	3.53 ng/ul#	86
78) Butylbenzylphthalate	20.87	149	81317	2.75 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	55180	2.47 ng/ul#	92
80) Benzo(a)anthracene	21.88	228	222732	3.35 ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.75	149	118429	2.93 ng/ul	94
82) Chrysene	21.94	228	204514	3.39 ng/ul	96
84) Di-n-octyl phthalate	23.03	149	189486	3.18 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	200463	3.06 ng/ul#	92
86) Benzo(k)fluoranthene	24.28	252	203304	3.28 ng/ul#	91
88) Benzo(a)pyrene	25.13	252	206121	3.31 ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	29.20	276	207795m	2.96 ng/ul	
90) Dibenzo(a,h)anthracene	29.27	278	167934m	2.90 ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	176491	3.04 ng/ul#	86

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

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