Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023260.D
Acq On : 25 Jul 2016 20:39
Operator : UM/SJ
Sample : MDL-03-S-ML
Misc : MDL 4PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-03-S-ML

Manual Integrations APPROVED
SOHIL
7/26/2016 11:41:03 AM

Quant Time: Jul 26 10:31:24 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	147421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	708070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	495254	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1161217	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1197141	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1158185	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10221	3.14	ng/uL	0.00
5) Phenol-d5	7.29	99	523592	34.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	374310	37.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	361524	35.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	408113	34.51	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	213321	37.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	233664	35.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	396527	31.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	559762	43.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1457480	35.40	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1713521	36.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	228463	31.44	ng/ul	0.00
57) Fluorene-d10	15.81	176	1346548	36.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	268987m	33.67	ng/ul	0.00
70) Anthracene-d10	17.67	188	1971487	36.27	ng/ul	0.00
76) Pyrene-d10	19.96	212	2177228	35.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	2056508	37.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	3674m	1.05	ng/uL	
4) Benzaldehyde	7.27	77	39581	4.19	ng/ul#	80
6) Phenol	7.32	94	49117	3.11	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.54	93	43375	3.65	ng/ul#	87
10) 2-Chlorophenol	7.70	128	32263	3.08	ng/ul#	74
11) 2-Methylphenol	8.58	108	36397	3.12	ng/ul#	80
12) 2,2'-oxybis(1-Chloropropan	8.67	45	59490	3.70	ng/ul	96
14) Acetophenone	8.97	105	67731	3.29	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.95	70	42671	3.14	ng/ul#	93
16) 4-Methylphenol	8.91	108	38625	2.97	ng/ul	100
17) Hexachloroethane	9.23	117	16556	3.33	ng/ul#	89
20) Nitrobenzene	9.36	77	57210	3.13	ng/ul#	80
21) Isophorone	9.88	82	104899	3.01	ng/ul#	88
23) 2-Nitrophenol	10.08	139	23332	3.31	ng/ul#	58
24) 2,4-Dimethylphenol	10.14	107	49420	3.05	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.37	93	62540	3.24	ng/ul#	90
27) 2,4-Dichlorophenol	10.62	162	40035	3.25	ng/ul	96
28) Naphthalene	11.02	128	125233	3.52	ng/ul#	95
30) 4-Chloroaniline	11.13	127	52249	3.93	ng/ul	93
31) Hexachlorobutadiene	11.30	225	31339	3.17	ng/ul	90
32) Caprolactam	11.92	113	13606m	2.67	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	43451	2.69	ng/ul#	78
34) 2-Methylnaphthalene	12.63	142	99980	3.39	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	56240	3.40	ng/ul	98
37) Hexachlorocyclopentadiene	12.97	237	25368	2.36	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.24	196	32539	2.84	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	33407	2.86	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	137183	3.69	ng/ul#	98
41) 2-Chloronaphthalene	13.68	162	105487	3.52	ng/ul	98
42) 2-Nitroaniline	13.89	65	40132	3.01	ng/ul#	55
44) Dimethylphthalate	14.25	163	142399	3.41	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	27409	3.03	ng/ul#	86
47) Acenaphthylene	14.54	152	169589	3.58	ng/ul	99
48) 3-Nitroaniline	14.72	138	26533	3.43	ng/ul#	60
49) Acenaphthene	14.87	153	110773	3.46	ng/ul	98
50) 2,4-Dinitrophenol	14.92	184	7372	1.30	ng/ul#	72
52) 4-Nitrophenol	15.02	109	22439	2.59	ng/ul#	58
53) Dibenzofuran	15.21	168	167785	3.55	ng/ul	89
54) 2,4-Dinitrotoluene	15.17	165	42014	3.05	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.44	232	28925	2.45	ng/ul	92
56) Diethylphthalate	15.62	149	149358	3.37	ng/ul	98
58) Fluorene	15.86	166	140632	3.61	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.85	204	70983	3.32	ng/ul	95
60) 4-Nitroaniline	15.88	138	31609	3.33	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	15.93	198	27457	3.25	ng/ul#	44
64) N-Nitrosodiphenylamine	16.06	169	117607	3.51	ng/ul	92
65) 4-Bromophenyl-phenylether	16.75	248	43283	3.24	ng/ul	97
66) Hexachlorobenzene	16.87	284	46401	3.39	ng/ul	93
67) Atrazine	17.02	200	41752	2.92	ng/ul	94
68) Pentachlorophenol	17.22	266	17491	2.06	ng/ul	94
69) Phenanthrene	17.61	178	222953	3.73	ng/ul	97
71) Anthracene	17.71	178	241070	3.85	ng/ul	99
72) Carbazole	17.98	167	189859	3.85	ng/ul	95
73) Di-n-butylphthalate	18.52	149	241793	3.54	ng/ul#	96
74) Fluoranthene	19.62	202	271963	4.33	ng/ul#	89
77) Pyrene	19.99	202	284974	3.92	ng/ul#	92
78) Butylbenzylphthalate	20.87	149	102110	3.23	ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.79	252	68981	2.89	ng/ul#	92
80) Benzo(a)anthracene	21.87	228	254139	3.58	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.76	149	144803	3.35	ng/ul	92
82) Chrysene	21.94	228	240033	3.72	ng/ul	99
84) Di-n-octyl phthalate	23.03	149	232342	3.62	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	242381	3.44	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	236062	3.54	ng/ul#	92
88) Benzo(a)pyrene	25.14	252	237191	3.53	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.18	276	244545m	3.23	ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	197416	3.17	ng/ul#	86
91) Benzo(g,h,i)perylene	30.41	276	202766	3.24	ng/ul#	88

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

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