Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023254.D
Acq On : 25 Jul 2016 15:42
Operator : UM/SJ
Sample : MDL-06-S
Misc : MDL 4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Manual Integrations
APPROVED
SOHIL
7/26/2016 11:40:47 AM

Quant Time: Jul 25 16:19:36 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	131577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	643240	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	469063	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1090523	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1132984	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1090401	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9260	3.18	ng/uL	-0.01
5) Phenol-d5	7.29	99	388428	28.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	277653	30.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	265904	29.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	304299	28.83	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	152479	29.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	173070	28.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	299327	26.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	422593	36.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1224804	31.41	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1385252	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	175136	25.45	ng/ul	0.00
57) Fluorene-d10	15.80	176	1099369	31.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	222019	29.59	ng/ul	0.00
70) Anthracene-d10	17.67	188	1673724	32.79	ng/ul	0.00
76) Pyrene-d10	19.96	212	1904548	32.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1735091	33.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	2819	0.91	ng/uL#	88
4) Benzaldehyde	7.27	77	26265	3.12	ng/ul#	76
6) Phenol	7.31	94	32993	2.34	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.55	93	31180	2.94	ng/ul	94
10) 2-Chlorophenol	7.69	128	22129	2.36	ng/ul#	69
11) 2-Methylphenol	8.59	108	24339	2.33	ng/ul#	77
12) 2,2'-oxybis(1-Chloropropan	8.68	45	36316	2.53	ng/ul#	90
14) Acetophenone	8.97	105	47874	2.61	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.95	70	31156	2.57	ng/ul#	89
16) 4-Methylphenol	8.92	108	25595	2.20	ng/ul	91
17) Hexachloroethane	9.23	117	11923	2.69	ng/ul#	89
20) Nitrobenzene	9.36	77	39701	2.39	ng/ul#	82
21) Isophorone	9.88	82	80791	2.55	ng/ul	93
23) 2-Nitrophenol	10.08	139	15324	2.39	ng/ul#	80
24) 2,4-Dimethylphenol	10.13	107	30044	2.04	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.37	93	41983	2.40	ng/ul	99
27) 2,4-Dichlorophenol	10.61	162	26643	2.38	ng/ul#	75
28) Naphthalene	11.03	128	80354	2.48	ng/ul	94
30) 4-Chloroaniline	11.13	127	34723	2.87	ng/ul	99
31) Hexachlorobutadiene	11.30	225	21298	2.37	ng/ul	87
32) Caprolactam	11.92	113	9302m	2.01	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	29890	2.04	ng/ul#	75
34) 2-Methylnaphthalene	12.64	142	68022	2.54	ng/ul	83

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36) 1,2,4,5-Tetrachlorobenzene	12.99	216	38834	2.48 ng/ul#	87
37) Hexachlorocyclopentadiene	12.97	237	19461	1.91 ng/ul	97
38) 2,4,6-Trichlorophenol	13.24	196	21923	2.02 ng/ul	92
39) 2,4,5-Trichlorophenol	13.32	196	22602	2.04 ng/ul	97
40) 1,1'-Biphenyl	13.63	154	94529	2.69 ng/ul#	90
41) 2-Chloronaphthalene	13.68	162	72953	2.57 ng/ul	97
42) 2-Nitroaniline	13.89	65	29585	2.35 ng/ul#	55
44) Dimethylphthalate	14.25	163	101680	2.57 ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	19530	2.28 ng/ul#	84
47) Acenaphthylene	14.53	152	126832	2.83 ng/ul	96
48) 3-Nitroaniline	14.72	138	18716	2.56 ng/ul#	76
49) Acenaphthene	14.87	153	81384	2.68 ng/ul	93
50) 2,4-Dinitrophenol	14.93	184	7295	1.36 ng/ul#	85
52) 4-Nitrophenol	15.03	109	15430	1.88 ng/ul#	64
53) Dibenzofuran	15.21	168	125806	2.81 ng/ul#	85
54) 2,4-Dinitrotoluene	15.17	165	31080	2.38 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.44	232	21431	1.92 ng/ul	89
56) Diethylphthalate	15.61	149	112463	2.68 ng/ul#	94
58) Fluorene	15.86	166	99105	2.69 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.85	204	52155	2.58 ng/ul	93
60) 4-Nitroaniline	15.88	138	22326	2.48 ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.94	198	19281	2.43 ng/ul#	71
64) N-Nitrosodiphenylamine	16.07	169	89499	2.84 ng/ul	89
65) 4-Bromophenyl-phenylether	16.75	248	34433	2.74 ng/ul	96
66) Hexachlorobenzene	16.87	284	34960	2.72 ng/ul	94
67) Atrazine	17.02	200	30916	2.30 ng/ul#	88
68) Pentachlorophenol	17.22	266	12062	1.51 ng/ul#	82
69) Phenanthrene	17.61	178	176742	3.15 ng/ul	95
71) Anthracene	17.71	178	179857	3.06 ng/ul	99
72) Carbazole	17.98	167	136334	2.94 ng/ul	99
73) Di-n-butylphthalate	18.52	149	175634	2.73 ng/ul#	97
74) Fluoranthene	19.63	202	197282	3.34 ng/ul#	91
77) Pyrene	19.99	202	214324	3.11 ng/ul#	91
78) Butylbenzylphthalate	20.87	149	72281	2.42 ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.79	252	49414	2.19 ng/ul	96
80) Benzo(a)anthracene	21.87	228	197982	2.94 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	103009	2.52 ng/ul	96
82) Chrysene	21.94	228	181168	2.97 ng/ul	97
84) Di-n-octyl phthalate	23.03	149	171889	2.84 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	178446	2.69 ng/ul#	96
86) Benzo(k)fluoranthene	24.27	252	178595	2.84 ng/ul#	90
88) Benzo(a)pyrene	25.14	252	188068	2.98 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.19	276	185652m	2.61 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	152068m	2.59 ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	158459m	2.69 ng/ul	

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

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