Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072516\
Data File : BG023255.D
Acq On : 25 Jul 2016 16:22
Operator : UM/SJ
Sample : MDL-07-S
Misc : MDL 4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-07-S

Manual Integrations APPROVED
SOHIL
7/26/2016 11:40:52 AM

Quant Time: Jul 25 17:01:51 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	124374	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	599868	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	426481	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	985826m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1018342m	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	985717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	8504	3.09	ng/uL	0.00
5) Phenol-d5	7.29	99	400963	31.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	295316	34.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	281054	32.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	312460	31.32	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	158525	33.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	183904	32.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	309113	29.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	435318	39.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1203074	33.93	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1384716	34.36	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	178269	28.49	ng/ul	0.00
57) Fluorene-d10	15.81	176	1065762	33.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	211789m	31.22	ng/ul	0.00
70) Anthracene-d10	17.67	188	1654477	35.85	ng/ul	0.00
76) Pyrene-d10	19.97	212	1849583	35.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1711255	36.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	2481	0.84	ng/uL#	79
4) Benzaldehyde	7.27	77	30401	3.82	ng/ul	91
6) Phenol	7.32	94	39566	2.97	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.54	93	33807	3.37	ng/ul#	79
10) 2-Chlorophenol	7.70	128	26795	3.03	ng/ul#	63
11) 2-Methylphenol	8.58	108	27730	2.81	ng/ul	82
12) 2,2'-oxybis(1-Chloropropan	8.67	45	46641	3.44	ng/ul	98
14) Acetophenone	8.97	105	53085	3.06	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.94	70	32624	2.85	ng/ul#	82
16) 4-Methylphenol	8.91	108	33032	3.01	ng/ul	93
17) Hexachloroethane	9.24	117	11744	2.80	ng/ul	89
20) Nitrobenzene	9.35	77	49700	3.21	ng/ul#	70
21) Isophorone	9.88	82	87969	2.98	ng/ul	100
23) 2-Nitrophenol	10.08	139	16776	2.81	ng/ul#	39
24) 2,4-Dimethylphenol	10.12	107	40321m	2.94	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.36	93	48690	2.98	ng/ul#	95
27) 2,4-Dichlorophenol	10.62	162	31266	3.00	ng/ul#	86
28) Naphthalene	11.03	128	100186	3.32	ng/ul	96
30) 4-Chloroaniline	11.14	127	39521	3.51	ng/ul	88
31) Hexachlorobutadiene	11.30	225	26041	3.11	ng/ul#	88
32) Caprolactam	11.91	113	11632m	2.69	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	36665	2.68	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	81953	3.28	ng/ul	87

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	44300	3.11	ng/ul#	85
37) Hexachlorocyclopentadiene	12.97	237	22009	2.38	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.24	196	27310	2.77	ng/ul	88
39) 2,4,5-Trichlorophenol	13.32	196	25326	2.52	ng/ul	90
40) 1,1'-Biphenyl	13.64	154	104857	3.28	ng/ul	95
41) 2-Chloronaphthalene	13.68	162	88397	3.43	ng/ul	96
42) 2-Nitroaniline	13.89	65	32179	2.81	ng/ul#	65
44) Dimethylphthalate	14.25	163	115359	3.21	ng/ul	99
45) 2,6-Dinitrotoluene	14.38	165	22597	2.90	ng/ul#	57
47) Acenaphthylene	14.53	152	144146	3.53	ng/ul	98
48) 3-Nitroaniline	14.72	138	22566	3.39	ng/ul#	71
49) Acenaphthene	14.87	153	91876	3.33	ng/ul	93
50) 2,4-Dinitrophenol	14.92	184	6860m	1.40	ng/ul	
52) 4-Nitrophenol	15.03	109	17810	2.39	ng/ul#	55
53) Dibenzofuran	15.21	168	144400	3.55	ng/ul	96
54) 2,4-Dinitrotoluene	15.17	165	34497	2.91	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	15.44	232	26773	2.64	ng/ul#	94
56) Diethylphthalate	15.61	149	126080	3.30	ng/ul	95
58) Fluorene	15.86	166	116925	3.48	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.85	204	62063	3.38	ng/ul	92
60) 4-Nitroaniline	15.88	138	22924	2.80	ng/ul#	54
63) 4,6-Dinitro-2-methylphenol	15.94	198	21598m	3.01	ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	97824	3.43	ng/ul	95
65) 4-Bromophenyl-phenylether	16.75	248	36158m	3.19	ng/ul	
66) Hexachlorobenzene	16.87	284	39346	3.39	ng/ul	94
67) Atrazine	17.02	200	36543	3.01	ng/ul	94
68) Pentachlorophenol	17.22	266	13819	1.92	ng/ul	91
69) Phenanthrene	17.62	178	189152m	3.72	ng/ul	
71) Anthracene	17.71	178	195806	3.68	ng/ul	99
72) Carbazole	17.98	167	158765m	3.79	ng/ul	
73) Di-n-butylphthalate	18.52	149	200306m	3.45	ng/ul	
74) Fluoranthene	19.62	202	221154m	4.15	ng/ul	
77) Pyrene	19.99	202	240306m	3.88	ng/ul	
78) Butylbenzylphthalate	20.87	149	83395	3.10	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.79	252	56773m	2.79	ng/ul	
80) Benzo(a)anthracene	21.87	228	220169	3.64	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.76	149	119021m	3.24	ng/ul	
82) Chrysene	21.95	228	206783m	3.77	ng/ul	
84) Di-n-octyl phthalate	23.03	149	200692	3.67	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	207061	3.45	ng/ul#	94
86) Benzo(k)fluoranthene	24.28	252	210877	3.71	ng/ul#	91
88) Benzo(a)pyrene	25.14	252	214445m	3.75	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	206633m	3.21	ng/ul	
90) Dibenzo(a,h)anthracene	29.27	278	176600m	3.33	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	183124m	3.44	ng/ul	

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

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