Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023201.D
Acq On : 20 Jul 2016 23:54
Operator : UM/SJ
Sample : MDL-02-W
Misc : MDL 8PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-W

Manual Integrations APPROVED
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Quant Time: Jul 21 10:38:17 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	154614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	696949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	505486	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1240865	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1348201	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1342088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	10576m	3.09	ng/uL	0.00
5) Phenol-d5	7.29	99	420425	26.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	299037	28.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	286491	26.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	337229	27.19	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	165327	29.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	192376	29.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	329593	26.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	455662	35.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1260296	29.99	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1403029	29.37	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	225683	30.43	ng/ul	0.00
57) Fluorene-d10	15.81	176	1117473	29.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	242593	28.41	ng/ul	0.00
70) Anthracene-d10	17.67	188	1750724	30.14	ng/ul	0.00
76) Pyrene-d10	19.96	212	2051319	29.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1905951	30.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	4567m	1.25	ng/uL	
4) Benzaldehyde	7.26	77	53261	5.38	ng/ul#	76
6) Phenol	7.32	94	65313	3.94	ng/ul#	50
8) Bis(2-Chloroethyl)ether	7.54	93	58706	4.71	ng/ul#	86
10) 2-Chlorophenol	7.70	128	43720	3.97	ng/ul#	68
11) 2-Methylphenol	8.58	108	49848	4.07	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.67	45	74618	4.42	ng/ul	98
14) Acetophenone	8.97	105	91080	4.22	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.95	70	60499	4.25	ng/ul#	87
16) 4-Methylphenol	8.91	108	57483	4.21	ng/ul	98
17) Hexachloroethane	9.23	117	22785	4.38	ng/ul#	91
20) Nitrobenzene	9.35	77	82555	4.59	ng/ul#	73
21) Isophorone	9.88	82	154409	4.50	ng/ul#	88
23) 2-Nitrophenol	10.08	139	30064	4.33	ng/ul#	10
24) 2,4-Dimethylphenol	10.14	107	69958	4.38	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.37	93	83504	4.40	ng/ul	96
27) 2,4-Dichlorophenol	10.62	162	55073	4.55	ng/ul	97
28) Naphthalene	11.03	128	162353	4.63	ng/ul	99
30) 4-Chloroaniline	11.13	127	66588	5.08	ng/ul	90
31) Hexachlorobutadiene	11.31	225	44467	4.57	ng/ul	94
32) Caprolactam	11.93	113	23410m	4.66	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	70275	4.42	ng/ul#	85
34) 2-Methylnaphthalene	12.63	142	131525	4.54	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	75782	4.49 ng/ul	98
37) Hexachlorocyclopentadiene	12.97	237	43423	3.96 ng/ul#	83
38) 2,4,6-Trichlorophenol	13.24	196	52611	4.51 ng/ul	92
39) 2,4,5-Trichlorophenol	13.32	196	49921	4.19 ng/ul	97
40) 1,1'-Biphenyl	13.64	154	181216	4.78 ng/ul	91
41) 2-Chloronaphthalene	13.68	162	144869	4.74 ng/ul	95
42) 2-Nitroaniline	13.88	65	59697	4.39 ng/ul#	50
44) Dimethylphthalate	14.25	163	209296	4.92 ng/ul#	96
45) 2,6-Dinitrotoluene	14.38	165	42915	4.64 ng/ul#	85
47) Acenaphthylene	14.54	152	233705	4.83 ng/ul	97
48) 3-Nitroaniline	14.71	138	37522	4.76 ng/ul#	44
49) Acenaphthene	14.87	153	150541	4.60 ng/ul	90
50) 2,4-Dinitrophenol	14.92	184	18730	3.23 ng/ul#	87
52) 4-Nitrophenol	15.02	109	40388	4.57 ng/ul#	59
53) Dibenzofuran	15.21	168	237009m	4.91 ng/ul	
54) 2,4-Dinitrotoluene	15.17	165	62522	4.44 ng/ul#	56
55) 2,3,4,6-Tetrachlorophenol	15.43	232	53118	4.41 ng/ul#	95
56) Diethylphthalate	15.62	149	217969	4.81 ng/ul	96
58) Fluorene	15.86	166	191331	4.81 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.85	204	97909	4.49 ng/ul#	85
60) 4-Nitroaniline	15.88	138	49169	5.07 ng/ul#	58
63) 4,6-Dinitro-2-methylphenol	15.93	198	41981	4.65 ng/ul#	53
64) N-Nitrosodiphenylamine	16.06	169	173201	4.83 ng/ul	98
65) 4-Bromophenyl-phenylether	16.75	248	66396	4.65 ng/ul	98
66) Hexachlorobenzene	16.87	284	67604	4.62 ng/ul#	88
67) Atrazine	17.01	200	77570	5.07 ng/ul	93
68) Pentachlorophenol	17.22	266	35371	3.90 ng/ul	96
69) Phenanthrene	17.61	178	326218	5.10 ng/ul	96
71) Anthracene	17.71	178	351898	5.25 ng/ul	96
72) Carbazole	17.98	167	304119	5.77 ng/ul	98
73) Di-n-butylphthalate	18.52	149	388064	5.31 ng/ul#	94
74) Fluoranthene	19.62	202	423360	6.31 ng/ul#	88
77) Pyrene	19.99	202	438291	5.35 ng/ul#	89
78) Butylbenzylphthalate	20.86	149	166304	4.67 ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.78	252	137968	5.13 ng/ul#	97
80) Benzo(a)anthracene	21.87	228	416406	5.20 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	241376	4.96 ng/ul	96
82) Chrysene	21.94	228	382292	5.26 ng/ul	100
84) Di-n-octyl phthalate	23.03	149	408665	5.49 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	401404	4.92 ng/ul#	91
86) Benzo(k)fluoranthene	24.28	252	376221	4.86 ng/ul#	90
88) Benzo(a)pyrene	25.14	252	388425m	4.99 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	415989m	4.75 ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	345404m	4.79 ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	343088m	4.74 ng/ul	

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

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