Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058621.D
Acq On : 12 Oct 2016 15:34
Operator : UM/SJ
Sample : MDL-07-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : MDL-07-W

Quant Time: Oct 12 16:16:33 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	520853	20.00	ng/ul	0.00
18) Naphthalene-d8	11.62	136	1923815	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1177190	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.52	188	2747503	20.00	ng/ul	0.10
75) Chrysene-d12	22.77	240	1940548	20.00	ng/ul	-0.04
83) Perylene-d12	25.85	264	1572436	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	70497	6.13	ng/uL	0.02
5) Phenol-d5	7.79	99	1084702	28.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	754815	29.78	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1219903	31.08	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	930521	29.71	ng/ul	-0.02
19) Nitrobenzene-d5	9.87	128	620574	31.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.64	143	710132	33.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.22	165	955092	31.48	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.74	131	1265550	34.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.96	166	2671059	34.13	ng/ul	0.00
46) Acenaphthylene-d8	15.24	160	2921806	31.65	ng/ul	-0.02
51) 4-Nitrophenol-d4	15.76	143	481190	26.77	ng/ul	-0.02
57) Fluorene-d10	16.59	176	2026835	31.61	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	16.71	200	499849	17.13	ng/ul	-0.02
70) Anthracene-d10	18.52	188	2747503	22.36	ng/ul	-0.02
76) Pyrene-d10	20.87	212	3100416	36.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2368121	32.98	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	9833	0.86	ng/uL#	76
4) Benzaldehyde	7.74	77	61854	2.54	ng/ul	90
6) Phenol	7.83	94	98893	2.64	ng/ul#	61
8) Bis(2-Chloroethyl)ether	8.04	93	86287	2.79	ng/ul#	80
10) 2-Chlorophenol	8.22	128	107270	2.87	ng/ul	98
11) 2-Methylphenol	9.14	108	81353	2.70	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.24	45	154534	2.84	ng/ul#	91
14) Acetophenone	9.53	105	126061	2.75	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.53	70	72723	2.68	ng/ul#	51
16) 4-Methylphenol	9.49	108	86077	2.64	ng/ul	98
17) Hexachloroethane	9.81	117	49478	2.73	ng/ul#	59
20) Nitrobenzene	9.91	77	110630	2.96	ng/ul#	95
21) Isophorone	10.47	82	207282	2.88	ng/ul	98
23) 2-Nitrophenol	10.68	139	68716	3.08	ng/ul	92
24) 2,4-Dimethylphenol	10.76	107	106707	2.92	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.99	93	99266	2.86	ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	91529	3.01	ng/ul#	92
28) Naphthalene	11.66	128	285621	3.12	ng/ul	100
30) 4-Chloroaniline	11.76	127	109587	3.16	ng/ul	94
31) Hexachlorobutadiene	12.01	225	61010	2.94	ng/ul	98
32) Caprolactam	12.59	113	24509	2.22	ng/ul	94
33) 4-Chloro-3-methylphenol	12.93	107	87552	2.89	ng/ul	92
34) 2-Methylnaphthalene	13.32	142	193713	3.06	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	107780	2.98	ng/ul#	96
37) Hexachlorocyclopentadiene	13.72	237	39139	1.72	ng/ul	95
38) 2,4,6-Trichlorophenol	13.95	196	62724	2.86	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	63557	2.73	ng/ul	91
40) 1,1'-Biphenyl	14.36	154	232602	2.95	ng/ul#	95
41) 2-Chloronaphthalene	14.40	162	183672	2.92	ng/ul	98
42) 2-Nitroaniline	14.59	65	60744	2.51	ng/ul	86
44) Dimethylphthalate	14.99	163	242731	3.10	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	55972	2.83	ng/ul#	78
47) Acenaphthylene	15.28	152	281840	3.15	ng/ul	99
48) 3-Nitroaniline	14.59	138	66349	2.56	ng/ul#	40
49) Acenaphthene	15.63	153	181342	2.95	ng/ul	95
50) 2,4-Dinitrophenol	15.65	184	20625	1.46	ng/ul#	1
52) 4-Nitrophenol	15.78	109	33548	2.29	ng/ul#	80
53) Dibenzofuran	15.98	168	263434	3.01	ng/ul	96
54) 2,4-Dinitrotoluene	15.92	165	76627	2.78	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	16.23	232	56013	2.75	ng/ul#	98
56) Diethylphthalate	16.40	149	245463	3.02	ng/ul#	93
58) Fluorene	16.65	166	208271	2.92	ng/ul	90
59) 4-Chlorophenyl-phenylether	16.63	204	104065	2.72	ng/ul#	82
60) 4-Nitroaniline	16.65	138	34746	1.70	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	16.73	198	51577	1.77	ng/ul	94
64) N-Nitrosodiphenylamine	16.86	169	173769	1.96	ng/ul	94
65) 4-Bromophenyl-phenylether	17.73	248	1459	0.04	ng/ul#	24
66) Hexachlorobenzene	17.73	284	71375	2.02	ng/ul	94
67) Atrazine	18.06	200	5583	0.17	ng/ul#	46
68) Pentachlorophenol	18.07	266	36619	1.47	ng/ul	95
69) Phenanthrene	18.56	178	297175	2.17	ng/ul	98
71) Anthracene	18.56	178	297175	2.13	ng/ul	99
72) Carbazole	18.81	167	247534	2.12	ng/ul#	95
73) Di-n-butylphthalate	19.40	149	421539	2.21	ng/ul	98
74) Fluoranthene	20.50	202	317151	2.28	ng/ul#	92
77) Pyrene	20.89	202	369917	3.65	ng/ul#	92
78) Butylbenzylphthalate	21.79	149	176148	2.68	ng/ul#	81
79) 3,3'-Dichlorobenzidine	22.66	252	58280	1.70	ng/ul#	96
80) Benzo(a)anthracene	22.75	228	321092	3.25	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.68	149	240485	2.75	ng/ul#	93
82) Chrysene	22.83	228	286134	3.09	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	240485	2.94	ng/ul#	63
85) Benzo(b)fluoranthene	24.89	252	292684	2.82	ng/ul#	96
86) Benzo(k)fluoranthene	24.95	252	233822	2.90	ng/ul#	97
88) Benzo(a)pyrene	25.72	252	258298	2.96	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.13	276	178525	2.34	ng/ul#	96
90) Dibenzo(a,h)anthracene	29.16	278	140948	2.23	ng/ul#	94
91) Benzo(g,h,i)perylene	30.13	276	143808	2.39	ng/ul#	95

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

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