Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090917\
Data File : BM011481.D
Acq On : 09 Sep 2017 11:34
Operator : SJ/JU
Sample : MDL-W-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

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Quant Time: Sep 11 09:06:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	415028	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1874464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1119265	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2525610	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2973168	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2891476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	54690	5.93	ng/uL	0.00
5) Phenol-d5	7.13	99	1221421	30.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	892351	33.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	986663	32.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	998202	32.08	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	481640	33.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	496258	33.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	942380	31.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1380085	41.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	3241650	34.26	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3924703	34.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	498826	28.05	ng/ul	0.00
58) Fluorene-d10	15.60	176	2748810	33.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	401691	27.33	ng/ul	0.00
71) Anthracene-d10	17.44	188	4263167	34.28	ng/ul	0.00
79) Pyrene-d10	19.73	212	4785609	34.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4825900	35.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	15337	1.517	ng/uL#	62
4) Benzaldehyde	7.12	77	52698	2.314	ng/ul	98
6) Phenol	7.15	94	139758	3.533	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	124519	3.998	ng/ul#	86
10) 2-Chlorophenol	7.54	128	111863	3.818	ng/ul	94
11) 2-Methylphenol	8.41	108	101771	3.393	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.51	45	198033	3.923	ng/ul	95
14) Acetophenone	8.80	105	177470	3.732	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.78	70	94442	3.701	ng/ul#	77
16) 4-Methylphenol	8.74	108	119261	3.634	ng/ul	90
17) Hexachloroethane	9.06	117	41187	3.677	ng/ul	85
20) Nitrobenzene	9.19	77	133005	3.975	ng/ul	96
21) Isophorone	9.70	82	247753	3.678	ng/ul	98
23) 2-Nitrophenol	9.89	139	61454	3.954	ng/ul#	93
24) 2,4-Dimethylphenol	9.95	107	121198	3.644	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.19	93	165355	3.764	ng/ul	98
27) 2,4-Dichlorophenol	10.43	162	107757	3.753	ng/ul	92
28) Naphthalene	10.83	128	383335	3.944	ng/ul	98
30) 4-Chloroaniline	10.94	127	138431	4.434	ng/ul	93
31) Hexachlorobutadiene	11.12	225	64015	3.929	ng/ul	96
32) Caprolactam	11.76	113	29174m	3.228	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	103990	3.416	ng/ul	90
34) 2-Methylnaphthalene	12.44	142	269690	3.736	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	267179	3.886 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	131516	3.961 ng/ul#	94
38) Hexachlorocyclopentadiene	12.78	237	50863	2.733 ng/ul	99
39) 2,4,6-Trichlorophenol	13.04	196	74907	3.314 ng/ul	100
40) 2,4,5-Trichlorophenol	13.11	196	73183	3.193 ng/ul	97
41) 1,1'-Biphenyl	13.45	154	359439	3.859 ng/ul#	92
42) 2-Chloronaphthalene	13.49	162	266594	3.804 ng/ul	99
43) 2-Nitroaniline	13.69	65	63119	2.900 ng/ul#	80
45) Dimethylphthalate	14.06	163	355800	3.927 ng/ul#	97
46) 2,6-Dinitrotoluene	14.18	165	48985	3.062 ng/ul#	88
48) Acenaphthylene	14.33	152	451506	3.920 ng/ul	99
49) 3-Nitroaniline	14.51	138	48935	2.480 ng/ul#	96
50) Acenaphthene	14.67	153	298755	3.839 ng/ul	98
51) 2,4-Dinitrophenol	14.72	184	21222	2.147 ng/ul#	89
53) 4-Nitrophenol	14.80	109	39911m	3.492 ng/ul	
54) Dibenzofuran	15.00	168	430430	3.954 ng/ul	95
55) 2,4-Dinitrotoluene	14.96	165	80675	3.430 ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.23	232	71811	3.438 ng/ul#	84
57) Diethylphthalate	15.42	149	346847	3.679 ng/ul	95
59) Fluorene	15.65	166	354757	3.888 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.64	204	167223	3.912 ng/ul	93
61) 4-Nitroaniline	15.67	138	63900m	3.024 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.72	198	51105	3.394 ng/ul#	50
65) N-Nitrosodiphenylamine	15.86	169	291238	3.786 ng/ul	98
66) 4-Bromophenyl-phenylether	16.53	248	95149	3.689 ng/ul	91
67) Hexachlorobenzene	16.65	284	107491	3.785 ng/ul#	90
68) Atrazine	16.80	200	83262	3.124 ng/ul	98
69) Pentachlorophenol	16.99	266	48932	2.684 ng/ul	99
70) Phenanthrene	17.39	178	554649	3.940 ng/ul	99
72) Anthracene	17.48	178	573022	3.967 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	132541	3.938 ng/uL	97
74) Pentachlorobenzene	14.92	250	134283	3.934 ng/uL	98
75) Carbazole	17.74	167	462872	3.756 ng/ul	99
76) Di-n-butylphthalate	18.30	149	555368	3.431 ng/ul	98
77) Fluoranthene	19.39	202	607434	4.195 ng/ul#	87
80) Pyrene	19.76	202	703670	4.056 ng/ul#	83
81) Butylbenzylphthalate	20.64	149	232284	2.912 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.42	252	163090	3.021 ng/ul#	95
83) Benzo(a)anthracene	21.49	228	644964	3.940 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	361996	2.955 ng/ul#	96
85) Chrysene	21.54	228	595291	4.011 ng/ul	99
87) Di-n-octyl phthalate	22.32	149	650991	3.172 ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	620375	3.566 ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	608938	3.645 ng/ul#	94
91) Benzo(a)pyrene	23.78	252	638175	3.887 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.31	276	701990	3.887 ng/ul#	88
93) Dibenzo(a,h)anthracene	26.33	278	582742	3.805 ng/ul#	94
94) Benzo(g,h,i)perylene	27.06	276	582399	3.982 ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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