Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016733.D
Acq On : 11 Sep 2018 21:32
Operator : SJ/JU
Sample : MDL-S-ME-01
Misc : 4PPM/1PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-01

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9/12/2018 2:57:42 PM

Quant Time: Sep 12 02:48:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	210566	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	882163	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	480462	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1055673	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1185233	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1227984	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	32301	6.56	ng/uL	0.00
5) Phenol-d5	6.90	99	475373	26.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	304381	27.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	397498	27.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	375578	27.33	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	174628	30.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	158633	30.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	356529	26.63	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	492772	30.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1083105	28.08	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1389954	27.89	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	159731	25.23	ng/ul	-0.01
58) Fluorene-d10	15.37	176	954993	28.36	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	99225	22.90	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1428647	28.05	ng/ul	0.00
79) Pyrene-d10	19.52	212	1583965	27.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1809873	28.25	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	8635	1.685	ng/uL#	89
4) Benzaldehyde	6.89	77	50873	5.090	ng/ul	86
6) Phenol	6.93	94	67741	3.821	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	52524	3.848	ng/ul	88
10) 2-Chlorophenol	7.30	128	55560	3.816	ng/ul	100
11) 2-Methylphenol	8.17	108	45954	3.459	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	81350	3.769	ng/ul	95
14) Acetophenone	8.55	105	80675	3.787	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	38221	3.586	ng/ul#	89
16) 4-Methylphenol	8.49	108	53166	3.785	ng/ul	97
17) Hexachloroethane	8.80	117	21007	3.674	ng/ul	85
20) Nitrobenzene	8.93	77	58777	4.009	ng/ul	91
21) Isophorone	9.45	82	99368	3.410	ng/ul	98
23) 2-Nitrophenol	9.63	139	25438	4.181	ng/ul#	88
24) 2,4-Dimethylphenol	9.70	107	57510	3.663	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.94	93	68166	3.785	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	49328	3.834	ng/ul	91
28) Naphthalene	10.56	128	177574	3.915	ng/ul	99
30) 4-Chloroaniline	10.67	127	48473	2.997	ng/ul	94
31) Hexachlorobutadiene	10.85	225	35021	4.032	ng/ul	94
32) Caprolactam	11.45	113	10917m	2.683	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	45450	3.370	ng/ul	93
34) 2-Methylnaphthalene	12.18	142	123208	3.855	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	123208	3.855	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	64870	3.931	ng/ul#	97
38) Hexachlorocyclopentadiene	12.53	237	34777	3.385	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	29691	3.160	ng/ul	94
40) 2,4,5-Trichlorophenol	12.86	196	35531	3.465	ng/ul	96
41) 1,1'-Biphenyl	13.20	154	154923	3.876	ng/ul#	94
42) 2-Chloronaphthalene	13.24	162	117261	3.749	ng/ul	93
43) 2-Nitroaniline	13.44	65	22316	3.239	ng/ul	87
45) Dimethylphthalate	13.84	163	149337	3.961	ng/ul#	98
46) 2,6-Dinitrotoluene	13.95	165	18787	3.244	ng/ul#	88
48) Acenaphthylene	14.09	152	184140	3.904	ng/ul	99
49) 3-Nitroaniline	14.27	138	18326	2.910	ng/ul#	82
50) Acenaphthene	14.44	153	127649	3.812	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	6659	2.571	ng/ul#	75
53) 4-Nitrophenol	14.57	109	18024	3.694	ng/ul#	77
54) Dibenzofuran	14.77	168	181552	3.952	ng/ul	96
55) 2,4-Dinitrotoluene	14.74	165	29120	3.420	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.00	232	25248	3.044	ng/ul#	79
57) Diethylphthalate	15.21	149	135462	3.627	ng/ul	96
59) Fluorene	15.43	166	147392	3.905	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	77332	4.041	ng/ul	93
61) 4-Nitroaniline	15.44	138	22921	2.963	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.50	198	16159	3.325	ng/ul#	83
65) N-Nitrosodiphenylamine	15.64	169	122297	3.745	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	43183	3.615	ng/ul	96
67) Hexachlorobenzene	16.42	284	50723	3.946	ng/ul#	92
68) Atrazine	16.59	200	35674	3.091	ng/ul	94
69) Pentachlorophenol	16.77	266	17604	2.533	ng/ul	98
70) Phenanthrene	17.16	178	231353	3.945	ng/ul	98
72) Anthracene	17.26	178	236524	3.929	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	68159	3.901	ng/uL	96
74) Pentachlorobenzene	14.69	250	62347	3.956	ng/uL	95
75) Carbazole	17.52	167	190832	3.606	ng/ul	98
76) Di-n-butylphthalate	18.11	149	188715	3.065	ng/ul	99
77) Fluoranthene	19.18	202	251824	3.746	ng/ul#	89
80) Pyrene	19.54	202	280707	3.857	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	74064	2.752	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.23	252	66238	2.821	ng/ul	97
83) Benzo(a)anthracene	21.29	228	280263	3.820	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	110521	2.613	ng/ul	99
85) Chrysene	21.34	228	268789	3.928	ng/ul	97
87) Di-n-octyl phthalate	22.14	149	178466	2.419	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	267124	3.634	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	273218	3.871	ng/ul#	97
91) Benzo(a)pyrene	23.45	252	268917	3.838	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	302380	3.618	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.81	278	254519	3.641	ng/ul#	96
94) Benzo(g,h,i)perylene	26.48	276	256326	3.699	ng/ul#	89

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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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