Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016735.D
Acq On : 11 Sep 2018 22:44
Operator : SJ/JU
Sample : MDL-S-ME-03
Misc : 4PPM/1PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-ME-03

Quant Time: Sep 12 01:15:31 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	210521	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	884533	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	482175	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1062482	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1204570	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1251620	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	32599	6.62	ng/uL	0.00
5) Phenol-d5	6.90	99	468860	26.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	304247	27.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	399502	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	375248	27.31	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	174282	29.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	155593	29.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	358505	26.70	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	488385	30.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1084391	28.01	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1386423	27.72	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	161119	25.36	ng/ul	-0.01
58) Fluorene-d10	15.37	176	963659	28.52	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	102175	23.43	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1451412	28.31	ng/ul	0.00
79) Pyrene-d10	19.52	212	1612495	27.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1844685	28.25	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	9438	1.842	ng/uL#	82
4) Benzaldehyde	6.89	77	50891	5.093	ng/ul	93
6) Phenol	6.93	94	73483	4.146	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	57023	4.178	ng/ul	95
10) 2-Chlorophenol	7.30	128	58524	4.021	ng/ul	98
11) 2-Methylphenol	8.17	108	50131	3.774	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	86882	4.026	ng/ul	96
14) Acetophenone	8.55	105	87591	4.113	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	41075	3.854	ng/ul	91
16) 4-Methylphenol	8.49	108	55702	3.967	ng/ul	99
17) Hexachloroethane	8.81	117	23119	4.044	ng/ul#	79
20) Nitrobenzene	8.93	77	63925	4.348	ng/ul#	89
21) Isophorone	9.45	82	106710	3.652	ng/ul	96
23) 2-Nitrophenol	9.63	139	27243	4.466	ng/ul	90
24) 2,4-Dimethylphenol	9.70	107	60283	3.830	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.94	93	73021	4.043	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	52740	4.088	ng/ul	97
28) Naphthalene	10.56	128	189214	4.160	ng/ul	98
30) 4-Chloroaniline	10.67	127	52361	3.228	ng/ul	97
31) Hexachlorobutadiene	10.85	225	36676	4.212	ng/ul	96
32) Caprolactam	11.45	113	12297	3.014	ng/ul	92
33) 4-Chloro-3-methylphenol	11.80	107	48982	3.623	ng/ul	98
34) 2-Methylnaphthalene	12.18	142	131941	4.117	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	131941	4.117	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	69972	4.225	ng/ul	95
38) Hexachlorocyclopentadiene	12.53	237	37587	3.645	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	32615	3.459	ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	38450	3.736	ng/ul	94
41) 1,1'-Biphenyl	13.20	154	165792	4.133	ng/ul	98
42) 2-Chloronaphthalene	13.24	162	131801	4.199	ng/ul	97
43) 2-Nitroaniline	13.45	65	25248	3.651	ng/ul	88
45) Dimethylphthalate	13.83	163	158213	4.181	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	20640	3.552	ng/ul#	87
48) Acenaphthylene	14.09	152	200184	4.230	ng/ul	99
49) 3-Nitroaniline	14.27	138	21376	3.382	ng/ul#	92
50) Acenaphthene	14.43	153	143211	4.262	ng/ul	97
51) 2,4-Dinitrophenol	14.47	184	6900	2.654	ng/ul#	81
53) 4-Nitrophenol	14.57	109	20005	4.086	ng/ul#	64
54) Dibenzofuran	14.77	168	197470	4.283	ng/ul	95
55) 2,4-Dinitrotoluene	14.73	165	32936	3.854	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.00	232	28853	3.466	ng/ul#	86
57) Diethylphthalate	15.21	149	149762	3.995	ng/ul	97
59) Fluorene	15.42	166	160673	4.242	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.43	204	82263	4.283	ng/ul	92
61) 4-Nitroaniline	15.44	138	24656	3.176	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.49	198	17372	3.552	ng/ul#	69
65) N-Nitrosodiphenylamine	15.64	169	133634	4.066	ng/ul	97
66) 4-Bromophenyl-phenylether	16.32	248	48421	4.028	ng/ul	97
67) Hexachlorobenzene	16.42	284	54711	4.229	ng/ul#	92
68) Atrazine	16.59	200	39945	3.439	ng/ul	95
69) Pentachlorophenol	16.77	266	20618	2.947	ng/ul	94
70) Phenanthrene	17.16	178	254285	4.309	ng/ul	99
72) Anthracene	17.25	178	258540	4.267	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	73676	4.190	ng/uL	96
74) Pentachlorobenzene	14.69	250	67807	4.275	ng/uL	97
75) Carbazole	17.52	167	209033	3.925	ng/ul	98
76) Di-n-butylphthalate	18.10	149	207413	3.347	ng/ul	99
77) Fluoranthene	19.18	202	279128	4.126	ng/ul#	91
80) Pyrene	19.54	202	308746	4.174	ng/ul#	90
81) Butylbenzylphthalate	20.46	149	80292	2.935	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.23	252	70078	2.937	ng/ul	98
83) Benzo(a)anthracene	21.29	228	302060	4.051	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	124737	2.902	ng/ul	97
85) Chrysene	21.34	228	297896	4.284	ng/ul	96
87) Di-n-octyl phthalate	22.13	149	194307	2.584	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	292873	3.909	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	303727	4.222	ng/ul#	96
91) Benzo(a)pyrene	23.45	252	299940	4.200	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.80	276	332482	3.903	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.81	278	282308	3.962	ng/ul#	95
94) Benzo(g,h,i)perylene	26.49	276	278143	3.938	ng/ul#	93

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

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