Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016717.D
Acq On : 11 Sep 2018 11:48
Operator : SJ/JU
Sample : MDL-W-03
Misc : 4PPM/1PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:33 PM

Quant Time: Sep 11 12:36:39 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	7.74	152	188994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	793507	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	432897	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	948101	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1046571	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1086778	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	29282	6.63	ng/uL	0.00
5) Phenol-d5	6.90	99	430563	27.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	277613	28.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	357249	27.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	341950	27.72	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	152104	29.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	138494	29.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	319588	26.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	442740	30.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	972712	27.98	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1249979	27.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	138603	24.30	ng/ul	0.00
58) Fluorene-d10	15.37	176	861565	28.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	82972	21.32	ng/ul	0.00
71) Anthracene-d10	17.23	188	1303152	28.49	ng/ul	0.00
79) Pyrene-d10	19.52	212	1401934	27.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1619900	28.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	8922	1.940	ng/uL#	86
4) Benzaldehyde	6.89	77	10488m	1.169	ng/ul	
6) Phenol	6.93	94	65561	4.120	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	51038	4.166	ng/ul	95
10) 2-Chlorophenol	7.30	128	53755	4.114	ng/ul	97
11) 2-Methylphenol	8.17	108	45345	3.802	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	81560	4.210	ng/ul	96
14) Acetophenone	8.56	105	81726	4.275	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.55	70	38018	3.974	ng/ul#	85
16) 4-Methylphenol	8.50	108	50397	3.998	ng/ul	92
17) Hexachloroethane	8.82	117	20946	4.081	ng/ul#	84
20) Nitrobenzene	8.93	77	56866	4.312	ng/ul	96
21) Isophorone	9.46	82	100208	3.823	ng/ul	97
23) 2-Nitrophenol	9.63	139	23199	4.239	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	56918	4.031	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.95	93	66971	4.134	ng/ul	94
27) 2,4-Dichlorophenol	10.16	162	46941	4.056	ng/ul	86
28) Naphthalene	10.57	128	173868	4.261	ng/ul	98
30) 4-Chloroaniline	10.68	127	47422	3.259	ng/ul	99
31) Hexachlorobutadiene	10.86	225	33094	4.236	ng/ul	95
32) Caprolactam	11.45	113	11550m	3.156	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	46029	3.795	ng/ul	95
34) 2-Methylnaphthalene	12.19	142	119894	4.170	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	119894	4.170 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	62484	4.203 ng/ul#	97
38) Hexachlorocyclopentadiene	12.54	237	35278	3.811 ng/ul#	98
39) 2,4,6-Trichlorophenol	12.80	196	28940	3.418 ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	34577	3.742 ng/ul	98
41) 1,1'-Biphenyl	13.21	154	150747	4.186 ng/ul#	96
42) 2-Chloronaphthalene	13.24	162	116759	4.143 ng/ul	93
43) 2-Nitroaniline	13.45	65	21368	3.442 ng/ul	88
45) Dimethylphthalate	13.84	163	142754	4.202 ng/ul#	98
46) 2,6-Dinitrotoluene	13.95	165	17246	3.305 ng/ul#	84
48) Acenaphthylene	14.10	152	180366	4.245 ng/ul	98
49) 3-Nitroaniline	14.28	138	17172	3.027 ng/ul#	97
50) Acenaphthene	14.44	153	125935	4.174 ng/ul	95
51) 2,4-Dinitrophenol	14.49	184	6293	2.696 ng/ul#	89
53) 4-Nitrophenol	14.58	109	16998m	3.867 ng/ul	
54) Dibenzofuran	14.78	168	177598	4.291 ng/ul	97
55) 2,4-Dinitrotoluene	14.74	165	27030	3.523 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.00	232	25476	3.409 ng/ul#	80
57) Diethylphthalate	15.22	149	134124	3.985 ng/ul	95
59) Fluorene	15.43	166	146238	4.300 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	74075	4.296 ng/ul	92
61) 4-Nitroaniline	15.44	138	21318	3.059 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.50	198	14676	3.363 ng/ul#	70
65) N-Nitrosodiphenylamine	15.64	169	121080	4.129 ng/ul	96
66) 4-Bromophenyl-phenylether	16.33	248	42811	3.991 ng/ul	94
67) Hexachlorobenzene	16.43	284	49099	4.253 ng/ul	96
68) Atrazine	16.60	200	35905	3.464 ng/ul	96
69) Pentachlorophenol	16.77	266	17878	2.864 ng/ul	96
70) Phenanthrene	17.17	178	226267	4.296 ng/ul	100
72) Anthracene	17.26	178	230406	4.261 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	64843	4.132 ng/uL	97
74) Pentachlorobenzene	14.69	250	59415	4.197 ng/uL	97
75) Carbazole	17.53	167	187994	3.955 ng/ul	98
76) Di-n-butylphthalate	18.12	149	189924	3.435 ng/ul	99
77) Fluoranthene	19.19	202	248132	4.110 ng/ul#	90
80) Pyrene	19.54	202	271604	4.227 ng/ul#	86
81) Butylbenzylphthalate	20.47	149	75712	3.186 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.24	252	66614	3.213 ng/ul#	95
83) Benzo(a)anthracene	21.30	228	270203	4.170 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	115935	3.104 ng/ul#	95
85) Chrysene	21.35	228	261959	4.336 ng/ul	99
87) Di-n-octyl phthalate	22.15	149	191009	2.925 ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	273783	4.209 ng/ul#	97
89) Benzo(k)fluoranthene	22.93	252	252115	4.036 ng/ul#	96
91) Benzo(a)pyrene	23.46	252	262125	4.227 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.81	276	297732	4.025 ng/ul#	90
93) Dibenzo(a,h)anthracene	25.83	278	249548	4.033 ng/ul#	94
94) Benzo(g,h,i)perylene	26.49	276	249959	4.075 ng/ul#	92

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

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