Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016729.D
Acq On : 11 Sep 2018 19:07
Operator : SJ/JU
Sample : MDL-S-04
Misc : 4PPM/1PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-04

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:38 PM

Quant Time: Sep 12 01:20:17 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	213115	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	888359	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	478492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1029088	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1125436	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1159357	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	33780	6.78	ng/uL	0.00
5) Phenol-d5	6.90	99	490472	27.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	311961	28.02	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	402850	27.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	382641	27.51	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	177291	30.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	160940	30.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	361164	26.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	495465	30.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1079614	28.10	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1402334	28.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	158135	25.08	ng/ul	-0.01
58) Fluorene-d10	15.37	176	945062	28.18	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	95113	22.51	ng/ul	0.00
71) Anthracene-d10	17.22	188	1422634	28.65	ng/ul	0.00
79) Pyrene-d10	19.52	212	1539773	28.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1729496	28.60	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	8808m	1.698	ng/uL	
4) Benzaldehyde	6.89	77	48032	4.748	ng/ul	89
6) Phenol	6.93	94	71109	3.963	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.17	93	55528	4.019	ng/ul	92
10) 2-Chlorophenol	7.30	128	58285	3.956	ng/ul	94
11) 2-Methylphenol	8.17	108	50954	3.789	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.27	45	87463	4.004	ng/ul	98
14) Acetophenone	8.55	105	86939	4.033	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.54	70	40703	3.773	ng/ul#	88
16) 4-Methylphenol	8.49	108	55017	3.870	ng/ul	93
17) Hexachloroethane	8.81	117	22451	3.879	ng/ul	92
20) Nitrobenzene	8.93	77	63641	4.310	ng/ul	95
21) Isophorone	9.45	82	106664	3.635	ng/ul	95
23) 2-Nitrophenol	9.63	139	25632	4.184	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	60450	3.824	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.94	93	74579	4.112	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	53125	4.100	ng/ul	100
28) Naphthalene	10.57	128	190251	4.165	ng/ul	99
30) 4-Chloroaniline	10.67	127	52507	3.223	ng/ul	97
31) Hexachlorobutadiene	10.85	225	36446	4.167	ng/ul	99
32) Caprolactam	11.45	113	12145m	2.964	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	48924	3.603	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	128373	3.989	ng/ul	99

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35) 1-Methylnaphthalene	12.18	142	128373	3.989	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	67298	4.095	ng/ul#	93
38) Hexachlorocyclopentadiene	12.53	237	36433	3.561	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.79	196	30865	3.298	ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	36622	3.586	ng/ul	94
41) 1,1'-Biphenyl	13.20	154	163943	4.119	ng/ul	96
42) 2-Chloronaphthalene	13.25	162	126866	4.072	ng/ul	99
43) 2-Nitroaniline	13.45	65	23294	3.394	ng/ul	96
45) Dimethylphthalate	13.84	163	153085	4.077	ng/ul#	98
46) 2,6-Dinitrotoluene	13.95	165	20272	3.515	ng/ul	92
48) Acenaphthylene	14.09	152	194742	4.146	ng/ul	99
49) 3-Nitroaniline	14.27	138	19458	3.103	ng/ul#	93
50) Acenaphthene	14.44	153	137432	4.121	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	7085	2.746	ng/ul#	84
53) 4-Nitrophenol	14.58	109	18774	3.864	ng/ul#	77
54) Dibenzofuran	14.77	168	188562	4.121	ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	30941	3.649	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.00	232	27673	3.350	ng/ul#	85
57) Diethylphthalate	15.21	149	141482	3.803	ng/ul	98
59) Fluorene	15.43	166	155016	4.124	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	80223	4.209	ng/ul	94
61) 4-Nitroaniline	15.44	138	22297	2.894	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.50	198	16005	3.379	ng/ul#	76
65) N-Nitrosodiphenylamine	15.64	169	127941	4.019	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	45985	3.950	ng/ul	98
67) Hexachlorobenzene	16.42	284	51824	4.136	ng/ul#	91
68) Atrazine	16.60	200	37291	3.315	ng/ul	97
69) Pentachlorophenol	16.77	266	17950	2.649	ng/ul	96
70) Phenanthrene	17.16	178	238779	4.177	ng/ul	99
72) Anthracene	17.26	178	243196	4.144	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	71496	4.198	ng/uL	97
74) Pentachlorobenzene	14.69	250	66224	4.310	ng/uL	99
75) Carbazole	17.52	167	197383	3.826	ng/ul	98
76) Di-n-butylphthalate	18.11	149	195065	3.250	ng/ul	99
77) Fluoranthene	19.18	202	258532	3.945	ng/ul#	89
80) Pyrene	19.54	202	283144	4.097	ng/ul#	89
81) Butylbenzylphthalate	20.46	149	75724	2.963	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.23	252	64707	2.902	ng/ul#	99
83) Benzo(a)anthracene	21.29	228	275647	3.956	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	113452	2.825	ng/ul	93
85) Chrysene	21.34	228	267441	4.116	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	180795	2.596	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	276255	3.981	ng/ul#	97
89) Benzo(k)fluoranthene	22.93	252	263325	3.952	ng/ul#	97
91) Benzo(a)pyrene	23.46	252	267946	4.051	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.80	276	304513	3.859	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.82	278	255618	3.873	ng/ul#	96
94) Benzo(g,h,i)perylene	26.49	276	255612	3.907	ng/ul#	91

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

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