Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016730.D
Acq On : 11 Sep 2018 19:43
Operator : SJ/JU
Sample : MDL-S-05
Misc : 4PPM/1PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Manual Integrations APPROVED
Sohil
9/12/2018 2:57:40 PM

Quant Time: Sep 12 01:24:06 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	204776	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	867929	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	466127	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1024588	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1139865	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1196399	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	30812	6.43	ng/uL	0.00
5) Phenol-d5	6.90	99	454000	26.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	292258	27.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	378434	26.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	357642	26.76	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	166231	29.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	148577	28.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	339581	25.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	474545	29.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1029136	27.50	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1315500	27.21	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	149265	24.30	ng/ul	-0.01
58) Fluorene-d10	15.37	176	910944	27.89	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	91511	21.76	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1372765	27.77	ng/ul	0.00
79) Pyrene-d10	19.52	212	1512806	27.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1710765	27.41	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	7626	1.530	ng/uL#	67
4) Benzaldehyde	6.89	77	46297	4.763	ng/ul	94
6) Phenol	6.93	94	62505	3.625	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.17	93	48059	3.620	ng/ul	94
10) 2-Chlorophenol	7.30	128	50260	3.550	ng/ul	97
11) 2-Methylphenol	8.18	108	41426	3.206	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	75096	3.577	ng/ul#	96
14) Acetophenone	8.55	105	75033	3.622	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	35040	3.380	ng/ul	91
16) 4-Methylphenol	8.50	108	47451	3.474	ng/ul	92
17) Hexachloroethane	8.81	117	19456	3.499	ng/ul	87
20) Nitrobenzene	8.93	77	54451	3.775	ng/ul	90
21) Isophorone	9.45	82	92546	3.228	ng/ul	96
23) 2-Nitrophenol	9.63	139	22248	3.717	ng/ul	95
24) 2,4-Dimethylphenol	9.70	107	51758	3.351	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.94	93	62870	3.548	ng/ul#	96
27) 2,4-Dichlorophenol	10.16	162	45423	3.588	ng/ul#	88
28) Naphthalene	10.56	128	162310	3.637	ng/ul	98
30) 4-Chloroaniline	10.67	127	44989	2.827	ng/ul	96
31) Hexachlorobutadiene	10.85	225	30931	3.620	ng/ul	97
32) Caprolactam	11.45	113	10335m	2.582	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	40780	3.074	ng/ul	89
34) 2-Methylnaphthalene	12.19	142	113625	3.613	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	113625	3.613	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	59251	3.701	ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	31459	3.156	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.80	196	27007	2.963	ng/ul	94
40) 2,4,5-Trichlorophenol	12.86	196	30491	3.065	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	142758	3.682	ng/ul	95
42) 2-Chloronaphthalene	13.25	162	111498	3.674	ng/ul	99
43) 2-Nitroaniline	13.45	65	20474	3.063	ng/ul	88
45) Dimethylphthalate	13.84	163	132458	3.621	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	16402	2.920	ng/ul	93
48) Acenaphthylene	14.09	152	165769	3.623	ng/ul	99
49) 3-Nitroaniline	14.27	138	16298	2.668	ng/ul#	88
50) Acenaphthene	14.44	153	118449	3.646	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	5915	2.354	ng/ul	93
53) 4-Nitrophenol	14.58	109	16371	3.459	ng/ul#	71
54) Dibenzofuran	14.77	168	167036	3.748	ng/ul	97
55) 2,4-Dinitrotoluene	14.74	165	25858	3.130	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	23777	2.955	ng/ul#	81
57) Diethylphthalate	15.21	149	125047	3.451	ng/ul	94
59) Fluorene	15.43	166	135815	3.709	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	70413	3.793	ng/ul	93
61) 4-Nitroaniline	15.43	138	20271	2.701	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.50	198	14443	3.062	ng/ul#	86
65) N-Nitrosodiphenylamine	15.64	169	113234	3.573	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	40110	3.460	ng/ul	93
67) Hexachlorobenzene	16.42	284	45912	3.680	ng/ul#	91
68) Atrazine	16.59	200	32930	2.940	ng/ul	99
69) Pentachlorophenol	16.77	266	16574	2.457	ng/ul	96
70) Phenanthrene	17.16	178	215018	3.778	ng/ul	99
72) Anthracene	17.26	178	217146	3.716	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	62072	3.660	ng/uL	96
74) Pentachlorobenzene	14.69	250	56503	3.694	ng/uL	96
75) Carbazole	17.52	167	173447	3.377	ng/ul	98
76) Di-n-butylphthalate	18.11	149	170121	2.847	ng/ul	98
77) Fluoranthene	19.18	202	231642	3.551	ng/ul#	93
80) Pyrene	19.54	202	257377	3.677	ng/ul#	88
81) Butylbenzylphthalate	20.46	149	65800	2.542	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.23	252	59139	2.619	ng/ul#	95
83) Benzo(a)anthracene	21.29	228	250287	3.547	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	100443	2.469	ng/ul#	95
85) Chrysene	21.34	228	242106	3.679	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	160256	2.229	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	237289	3.314	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	243080	3.535	ng/ul#	95
91) Benzo(a)pyrene	23.46	252	246376	3.609	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.80	276	273419	3.358	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.82	278	234252	3.439	ng/ul#	94
94) Benzo(g,h,i)perylene	26.48	276	233001	3.451	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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