Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016737.D
Acq On : 11 Sep 2018 23:56
Operator : SJ/JU
Sample : MDL-S-ME-05
Misc : 4PPM/1PPM
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-S-ME-05

Manual Integrations APPROVED
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9/12/2018 2:57:44 PM

Quant Time: Sep 12 03:40:46 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	217947	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	931134	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	520100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1196611	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1404542	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1462239	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	33900	6.65	ng/uL	0.00
5) Phenol-d5	6.90	99	488375	26.57	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	311655	27.38	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	407845	27.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	384068	27.00	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	179590	29.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	165256	29.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	368920	26.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	513139	30.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1180673	28.27	ng/ul	-0.01
47) Acenaphthylene-d8	14.06	160	1488672	27.60	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	181482	26.48	ng/ul	-0.01
58) Fluorene-d10	15.37	176	1033181	28.35	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	116032	23.62	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1591760	27.57	ng/ul	0.00
79) Pyrene-d10	19.52	212	1794849	26.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	2113544	27.71	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	8834	1.666	ng/uL#	73
4) Benzaldehyde	6.89	77	50608	4.892	ng/ul	96
6) Phenol	6.93	94	64797	3.531	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	51590	3.652	ng/ul	91
10) 2-Chlorophenol	7.30	128	53862	3.574	ng/ul	99
11) 2-Methylphenol	8.17	108	45524	3.310	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	81434	3.645	ng/ul	98
14) Acetophenone	8.55	105	80500	3.651	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.54	70	37694	3.417	ng/ul#	90
16) 4-Methylphenol	8.50	108	51132	3.517	ng/ul	88
17) Hexachloroethane	8.80	117	21446	3.623	ng/ul	85
20) Nitrobenzene	8.93	77	58062	3.752	ng/ul	90
21) Isophorone	9.45	82	99003	3.219	ng/ul	96
23) 2-Nitrophenol	9.63	139	24289	3.782	ng/ul	95
24) 2,4-Dimethylphenol	9.69	107	56635	3.418	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.94	93	66485	3.497	ng/ul	94
27) 2,4-Dichlorophenol	10.16	162	50184	3.695	ng/ul	96
28) Naphthalene	10.57	128	177251	3.702	ng/ul	97
30) 4-Chloroaniline	10.67	127	49323	2.889	ng/ul	92
31) Hexachlorobutadiene	10.85	225	33949	3.703	ng/ul	96
32) Caprolactam	11.45	113	12172m	2.834	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	44888	3.154	ng/ul	93
34) 2-Methylnaphthalene	12.18	142	121608	3.605	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	121608	3.605	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	65077	3.643	ng/ul	95
38) Hexachlorocyclopentadiene	12.53	237	35042	3.151	ng/ul	96
39) 2,4,6-Trichlorophenol	12.79	196	29837	2.933	ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	33709	3.037	ng/ul	92
41) 1,1'-Biphenyl	13.20	154	157702	3.645	ng/ul	95
42) 2-Chloronaphthalene	13.24	162	119730	3.536	ng/ul	95
43) 2-Nitroaniline	13.45	65	23546	3.157	ng/ul	95
45) Dimethylphthalate	13.83	163	154211	3.778	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	20057	3.200	ng/ul	97
48) Acenaphthylene	14.09	152	188168	3.686	ng/ul	99
49) 3-Nitroaniline	14.27	138	20159	2.957	ng/ul#	92
50) Acenaphthene	14.43	153	134678	3.716	ng/ul	96
51) 2,4-Dinitrophenol	14.48	184	7074	2.523	ng/ul	88
53) 4-Nitrophenol	14.58	109	19315	3.657	ng/ul#	69
54) Dibenzofuran	14.77	168	187814	3.777	ng/ul	96
55) 2,4-Dinitrotoluene	14.73	165	32223	3.496	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.00	232	27126	3.021	ng/ul#	88
57) Diethylphthalate	15.21	149	142699	3.529	ng/ul	95
59) Fluorene	15.42	166	154878	3.791	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	78833	3.806	ng/ul	93
61) 4-Nitroaniline	15.44	138	24393	2.913	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.49	198	17640	3.203	ng/ul#	61
65) N-Nitrosodiphenylamine	15.64	169	128872	3.482	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	46815	3.458	ng/ul	96
67) Hexachlorobenzene	16.42	284	53355	3.662	ng/ul	94
68) Atrazine	16.59	200	39190	2.996	ng/ul	99
69) Pentachlorophenol	16.77	266	18665	2.369	ng/ul	98
70) Phenanthrene	17.16	178	247188	3.719	ng/ul	98
72) Anthracene	17.25	178	252481	3.700	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	68602	3.464	ng/uL	95
74) Pentachlorobenzene	14.69	250	63667	3.564	ng/uL	96
75) Carbazole	17.52	167	208873	3.482	ng/ul	97
76) Di-n-butylphthalate	18.10	149	206438	2.958	ng/ul	99
77) Fluoranthene	19.18	202	276487	3.629	ng/ul#	91
80) Pyrene	19.54	202	308563	3.578	ng/ul#	89
81) Butylbenzylphthalate	20.46	149	79671	2.498	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.23	252	72903	2.620	ng/ul	99
83) Benzo(a)anthracene	21.29	228	308109	3.543	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	121570	2.425	ng/ul#	99
85) Chrysene	21.34	228	291467	3.594	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	199833	2.275	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	293208	3.350	ng/ul#	95
89) Benzo(k)fluoranthene	22.92	252	294228	3.501	ng/ul#	97
91) Benzo(a)pyrene	23.45	252	301394	3.613	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.80	276	336676	3.383	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.81	278	286955	3.447	ng/ul#	94
94) Benzo(g,h,i)perylene	26.48	276	280169	3.395	ng/ul#	90

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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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