Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016721.D
Acq On : 11 Sep 2018 14:13
Operator : SJ/JU
Sample : MDL-W-07
Misc : 4PPM/1PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-07

Quant Time: Sep 11 14:44:34 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	196375	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	819213	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	445340	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	974860	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1075237	20.00	ng/ul	-0.01
86) Perylene-d12	23.56	264	1127550	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	30487	6.64	ng/uL	0.00
5) Phenol-d5	6.90	99	434860	26.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	279897	27.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	363540	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	343295	26.79	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	154819	28.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	139337	28.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	323930	26.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	447606	29.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	982048	27.46	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1258109	27.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	138988	23.68	ng/ul	0.00
58) Fluorene-d10	15.37	176	854539	27.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	83281	20.81	ng/ul	0.00
71) Anthracene-d10	17.22	188	1293738	27.51	ng/ul	0.00
79) Pyrene-d10	19.52	212	1411878	27.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1613210	27.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	7712	1.614	ng/uL#	81
4) Benzaldehyde	6.89	77	17516	1.879	ng/ul	93
6) Phenol	6.93	94	61242	3.704	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	49448	3.884	ng/ul	97
10) 2-Chlorophenol	7.30	128	50110	3.691	ng/ul	98
11) 2-Methylphenol	8.17	108	42586	3.437	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	75687	3.760	ng/ul	95
14) Acetophenone	8.56	105	72675	3.658	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	33925	3.413	ng/ul#	89
16) 4-Methylphenol	8.50	108	46434	3.545	ng/ul	95
17) Hexachloroethane	8.81	117	19745	3.702	ng/ul	86
20) Nitrobenzene	8.93	77	51739	3.800	ng/ul	92
21) Isophorone	9.45	82	89769	3.317	ng/ul	98
23) 2-Nitrophenol	9.64	139	21418	3.791	ng/ul	91
24) 2,4-Dimethylphenol	9.70	107	51779	3.552	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.95	93	61459	3.674	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	44005	3.683	ng/ul	90
28) Naphthalene	10.57	128	159840	3.795	ng/ul	98
30) 4-Chloroaniline	10.68	127	41916	2.790	ng/ul#	83
31) Hexachlorobutadiene	10.86	225	29949	3.713	ng/ul	97
32) Caprolactam	11.45	113	9930	2.628	ng/ul#	83
33) 4-Chloro-3-methylphenol	11.80	107	41460	3.311	ng/ul	92
34) 2-Methylnaphthalene	12.19	142	108951	3.671	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	108951	3.671	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	57786	3.778	ng/ul#	92
38) Hexachlorocyclopentadiene	12.54	237	31347	3.292	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.80	196	25955	2.980	ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	30720	3.232	ng/ul	89
41) 1,1'-Biphenyl	13.21	154	140546	3.794	ng/ul	98
42) 2-Chloronaphthalene	13.24	162	109678	3.783	ng/ul	99
43) 2-Nitroaniline	13.45	65	19757	3.093	ng/ul	95
45) Dimethylphthalate	13.84	163	130899	3.746	ng/ul#	97
46) 2,6-Dinitrotoluene	13.95	165	16229	3.024	ng/ul#	91
48) Acenaphthylene	14.10	152	163673	3.744	ng/ul	99
49) 3-Nitroaniline	14.28	138	15636	2.679	ng/ul#	92
50) Acenaphthene	14.44	153	116337	3.748	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	5837	2.431	ng/ul#	67
53) 4-Nitrophenol	14.58	109	16020	3.543	ng/ul#	78
54) Dibenzofuran	14.77	168	162598	3.818	ng/ul	95
55) 2,4-Dinitrotoluene	14.74	165	24107	3.054	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.00	232	23503	3.057	ng/ul#	84
57) Diethylphthalate	15.22	149	119878	3.462	ng/ul	97
59) Fluorene	15.43	166	132807	3.796	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	68477	3.861	ng/ul	94
61) 4-Nitroaniline	15.44	138	18936	2.641	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.50	198	13517	3.012	ng/ul#	61
65) N-Nitrosodiphenylamine	15.64	169	110445	3.663	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	39714	3.601	ng/ul	95
67) Hexachlorobenzene	16.43	284	45637	3.845	ng/ul#	94
68) Atrazine	16.60	200	32472	3.047	ng/ul	98
69) Pentachlorophenol	16.77	266	15543	2.421	ng/ul	97
70) Phenanthrene	17.17	178	205477	3.795	ng/ul	100
72) Anthracene	17.26	178	214659	3.861	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	60725	3.764	ng/uL	95
74) Pentachlorobenzene	14.69	250	55458	3.810	ng/uL	97
75) Carbazole	17.53	167	171506	3.509	ng/ul	98
76) Di-n-butylphthalate	18.11	149	168639	2.966	ng/ul	99
77) Fluoranthene	19.19	202	224690	3.620	ng/ul#	91
80) Pyrene	19.54	202	250407	3.793	ng/ul#	87
81) Butylbenzylphthalate	20.47	149	66034	2.704	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.23	252	58837	2.762	ng/ul#	98
83) Benzo(a)anthracene	21.30	228	245143	3.683	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	98523	2.568	ng/ul	98
85) Chrysene	21.35	228	234804	3.782	ng/ul	98
87) Di-n-octyl phthalate	22.14	149	164916	2.434	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	238195	3.529	ng/ul#	95
89) Benzo(k)fluoranthene	22.93	252	239977	3.703	ng/ul#	96
91) Benzo(a)pyrene	23.46	252	237634	3.694	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.81	276	269763	3.515	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.83	278	225101	3.507	ng/ul#	94
94) Benzo(g,h,i)perylene	26.49	276	229598	3.608	ng/ul#	92

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

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