Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016771.D
Acq On : 17 Sep 2018 17:11
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Sep 17 17:54:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	219963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	905788	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	492738	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1086870	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1242595	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1286858	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	38922	7.57	ng/uL	0.00
5) Phenol-d5	6.90	99	335518	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	214993	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	284124	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	259566	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	124081	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	106003	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	260229	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	331047	19.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	734896	18.58	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	974911	19.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	121568	18.72	ng/ul	0.00
58) Fluorene-d10	15.36	176	676373	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	81127	18.18	ng/ul	0.00
71) Anthracene-d10	17.22	188	1024877	19.54	ng/ul	0.00
79) Pyrene-d10	19.51	212	1107405	18.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1261116	18.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	41643	7.780	ng/uL#	76
4) Benzaldehyde	6.88	77	226816	21.723	ng/ul	87
6) Phenol	6.93	94	342578	18.498	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	266257	18.673	ng/ul	94
10) 2-Chlorophenol	7.30	128	287588	18.910	ng/ul	95
11) 2-Methylphenol	8.17	108	253947	18.296	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	397231	17.617	ng/ul	96
14) Acetophenone	8.55	105	420288	18.888	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	197944	17.777	ng/ul#	89
16) 4-Methylphenol	8.49	108	267366	18.223	ng/ul	100
17) Hexachloroethane	8.80	117	113976	19.080	ng/ul	90
20) Nitrobenzene	8.92	77	297676	19.773	ng/ul	92
21) Isophorone	9.45	82	526990	17.614	ng/ul	97
23) 2-Nitrophenol	9.63	139	125962	20.164	ng/ul	92
24) 2,4-Dimethylphenol	9.69	107	300132	18.619	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.93	93	350835	18.970	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	252756	19.132	ng/ul	99
28) Naphthalene	10.56	128	907465	19.484	ng/ul	99
30) 4-Chloroaniline	10.67	127	329671	19.849	ng/ul	97
31) Hexachlorobutadiene	10.85	225	180800	20.275	ng/ul	98
32) Caprolactam	11.43	113	68987	16.512	ng/ul	96
33) 4-Chloro-3-methylphenol	11.79	107	254798	18.402	ng/ul	94
34) 2-Methylnaphthalene	12.17	142	633635	19.308	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	633635	19.308 ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	334411	19.761 ng/ul#	97
38) Hexachlorocyclopentadiene	12.53	237	192602	18.279 ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	181464	18.831 ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	201745	19.184 ng/ul	98
41) 1,1'-Biphenyl	13.20	154	796000	19.419 ng/ul	96
42) 2-Chloronaphthalene	13.24	162	634292	19.772 ng/ul	100
43) 2-Nitroaniline	13.44	65	137687	19.484 ng/ul	95
45) Dimethylphthalate	13.83	163	731398	18.916 ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	122729	20.666 ng/ul	98
48) Acenaphthylene	14.09	152	925649	19.138 ng/ul	99
49) 3-Nitroaniline	14.27	138	126968	19.660 ng/ul#	96
50) Acenaphthene	14.43	153	667254	19.431 ng/ul	98
51) 2,4-Dinitrophenol	14.47	184	52008	19.577 ng/ul#	84
53) 4-Nitrophenol	14.58	109	97068	19.400 ng/ul#	82
54) Dibenzofuran	14.77	168	925899	19.652 ng/ul	97
55) 2,4-Dinitrotoluene	14.73	165	185678	21.262 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.99	232	165437	19.449 ng/ul#	83
57) Diethylphthalate	15.20	149	723034	18.875 ng/ul	97
59) Fluorene	15.42	166	763130	19.716 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.42	204	391660	19.957 ng/ul	92
61) 4-Nitroaniline	15.43	138	156977	19.788 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.49	198	89636	17.917 ng/ul#	97
65) N-Nitrosodiphenylamine	15.63	169	648418	19.287 ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	232806	18.932 ng/ul	96
67) Hexachlorobenzene	16.42	284	254268	19.213 ng/ul#	91
68) Atrazine	16.59	200	213736	17.988 ng/ul	99
69) Pentachlorophenol	16.76	266	125463	17.531 ng/ul	96
70) Phenanthrene	17.16	178	1178973	19.528 ng/ul	99
72) Anthracene	17.25	178	1219380	19.673 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	346487	19.262 ng/uL	100
74) Pentachlorobenzene	14.69	250	319345	19.680 ng/uL	97
75) Carbazole	17.52	167	1049730	19.266 ng/ul	99
76) Di-n-butylphthalate	18.10	149	1125929	17.761 ng/ul	99
77) Fluoranthene	19.17	202	1354577	19.573 ng/ul#	90
80) Pyrene	19.54	202	1427954	18.715 ng/ul#	89
81) Butylbenzylphthalate	20.46	149	450945	15.981 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.23	252	417552	16.963 ng/ul#	97
83) Benzo(a)anthracene	21.29	228	1473050	19.149 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	722027	16.282 ng/ul	98
85) Chrysene	21.34	228	1394044	19.432 ng/ul	99
87) Di-n-octyl phthalate	22.12	149	1147028	14.835 ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1415120	18.372 ng/ul#	97
89) Benzo(k)fluoranthene	22.92	252	1469900	19.874 ng/ul#	97
91) Benzo(a)pyrene	23.44	252	1427695	19.445 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.79	276	1666743	19.030 ng/ul#	90
93) Dibenzo(a,h)anthracene	25.81	278	1407558	19.212 ng/ul#	95
94) Benzo(g,h,i)perylene	26.47	276	1394386	19.200 ng/ul#	92

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

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