Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100318\
Data File : BM016992.D
Acq On : 04 Oct 2018 00:00
Operator : MJ/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: Oct 04 01:54:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 01:52:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	225039	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	917655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	466174	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	990839	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1160391	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	1225121	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	36662	6.97	ng/uL	0.00
5) Phenol-d5	6.88	99	359293	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	225635	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	308934	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	273779	18.64	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	139735	23.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	139119	25.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	280077	20.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	343662	20.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	732117	19.56	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	975023	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	119494	19.45	ng/ul	0.00
58) Fluorene-d10	15.34	176	652377	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	92114	22.65	ng/ul	0.00
71) Anthracene-d10	17.19	188	978744	20.47	ng/ul	0.00
79) Pyrene-d10	19.49	212	1047659	18.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	1284479	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	37600	6.866	ng/uL#	86
4) Benzaldehyde	6.86	77	243576	22.802	ng/ul	90
6) Phenol	6.90	94	361598	19.085	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	285667	19.582	ng/ul	94
10) 2-Chlorophenol	7.27	128	307969	19.793	ng/ul	96
11) 2-Methylphenol	8.15	108	266860	18.793	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.23	45	411132	17.822	ng/ul	96
14) Acetophenone	8.52	105	446412	19.610	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	206381	18.117	ng/ul	93
16) 4-Methylphenol	8.47	108	284233	18.936	ng/ul	93
17) Hexachloroethane	8.77	117	126677	20.728	ng/ul	88
20) Nitrobenzene	8.90	77	322911	21.171	ng/ul#	90
21) Isophorone	9.42	82	553559	18.262	ng/ul	96
23) 2-Nitrophenol	9.60	139	155551	24.579	ng/ul	91
24) 2,4-Dimethylphenol	9.67	107	317200	19.423	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.90	93	365345	19.499	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	271251	20.267	ng/ul	98
28) Naphthalene	10.53	128	955151	20.243	ng/ul	98
30) 4-Chloroaniline	10.65	127	346430	20.589	ng/ul	95
31) Hexachlorobutadiene	10.82	225	195777	21.671	ng/ul	97
32) Caprolactam	11.42	113	72705	17.177	ng/ul	91
33) 4-Chloro-3-methylphenol	11.77	107	263477	18.783	ng/ul	90
34) 2-Methylnaphthalene	12.15	142	657672	19.782	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	630659	18.969 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	341158	21.309 ng/ul#	97
38) Hexachlorocyclopentadiene	12.50	237	176384	17.694 ng/ul	99
39) 2,4,6-Trichlorophenol	12.77	196	201397	22.091 ng/ul	99
40) 2,4,5-Trichlorophenol	12.83	196	212500	21.358 ng/ul	99
41) 1,1'-Biphenyl	13.17	154	804910	20.755 ng/ul	96
42) 2-Chloronaphthalene	13.22	162	640509	21.104 ng/ul	98
43) 2-Nitroaniline	13.42	65	138167	20.666 ng/ul	92
45) Dimethylphthalate	13.81	163	728402	19.912 ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	126753	22.559 ng/ul	99
48) Acenaphthylene	14.06	152	933979	20.411 ng/ul	99
49) 3-Nitroaniline	14.26	138	135589	22.192 ng/ul#	93
50) Acenaphthene	14.41	153	662304	20.386 ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	53192	21.164 ng/ul#	89
53) 4-Nitrophenol	14.56	109	92556	19.552 ng/ul#	80
54) Dibenzofuran	14.74	168	913820	20.501 ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	198802	24.062 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.97	232	184213	22.890 ng/ul#	87
57) Diethylphthalate	15.18	149	706010	19.481 ng/ul	96
59) Fluorene	15.40	166	741170	20.240 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	384209	20.693 ng/ul	95
61) 4-Nitroaniline	15.42	138	152867	20.368 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.48	198	102928	22.568 ng/ul#	99
65) N-Nitrosodiphenylamine	15.61	169	615083	20.068 ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	232676	20.755 ng/ul	97
67) Hexachlorobenzene	16.40	284	257659	21.356 ng/ul#	93
68) Atrazine	16.57	200	201720	18.622 ng/ul	100
69) Pentachlorophenol	16.74	266	144619	22.167 ng/ul	96
70) Phenanthrene	17.14	178	1132015	20.568 ng/ul	99
72) Anthracene	17.23	178	1170831	20.721 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	354694	21.629 ng/uL	99
74) Pentachlorobenzene	14.66	250	319829	21.620 ng/uL	99
75) Carbazole	17.50	167	982406	19.778 ng/ul	99
76) Di-n-butylphthalate	18.07	149	1098557	19.009 ng/ul	99
77) Fluoranthene	19.16	202	1293358	20.500 ng/ul#	91
80) Pyrene	19.52	202	1350042	18.948 ng/ul#	89
81) Butylbenzylphthalate	20.43	149	460063	17.460 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.21	252	396277	17.239 ng/ul	99
83) Benzo(a)anthracene	21.27	228	1421730	19.791 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	727771	17.574 ng/ul#	97
85) Chrysene	21.32	228	1361131	20.318 ng/ul	98
87) Di-n-octyl phthalate	22.09	149	1240565	16.854 ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	1444441	19.698 ng/ul#	97
89) Benzo(k)fluoranthene	22.89	252	1466687	20.830 ng/ul#	96
91) Benzo(a)pyrene	23.42	252	1431972	20.487 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.76	276	1702176	20.414 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.76	278	1424263	20.420 ng/ul#	96
94) Benzo(g,h,i)perylene	26.44	276	1407007	20.350 ng/ul#	92

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

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