Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016902.D
Acq On : 26 Sep 2018 16:48
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02038

Quant Time: Sep 27 01:23:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 01:22:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	272277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1112551	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	598135	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1315169	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1455309	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1589158	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	43999	6.91	ng/uL	0.00
5) Phenol-d5	6.89	99	443932	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	266088	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	380648	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	354559	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	174566	23.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	178719	26.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	354302	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	443480	21.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	943956	19.65	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1251366	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	173312	21.99	ng/ul	0.00
58) Fluorene-d10	15.35	176	844582	20.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	116497	21.58	ng/ul	0.00
71) Anthracene-d10	17.20	188	1303148	20.54	ng/ul	0.00
79) Pyrene-d10	19.50	212	1426874	20.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1672763	20.18	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	43921	6.629	ng/uL#	84
4) Benzaldehyde	6.87	77	291571	22.560	ng/ul	87
6) Phenol	6.92	94	446272	19.467	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.15	93	342359	19.397	ng/ul	97
10) 2-Chlorophenol	7.29	128	375247	19.933	ng/ul	94
11) 2-Methylphenol	8.16	108	335601	19.533	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.25	45	459453	16.461	ng/ul	99
14) Acetophenone	8.53	105	532409	19.330	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.52	70	254840	18.490	ng/ul	96
16) 4-Methylphenol	8.49	108	357532	19.687	ng/ul	94
17) Hexachloroethane	8.79	117	147396	19.934	ng/ul	92
20) Nitrobenzene	8.91	77	384103	20.772	ng/ul#	90
21) Isophorone	9.43	82	698526	19.008	ng/ul	96
23) 2-Nitrophenol	9.62	139	191643	24.977	ng/ul#	87
24) 2,4-Dimethylphenol	9.68	107	385160	19.453	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.92	93	447285	19.691	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	337179	20.779	ng/ul	98
28) Naphthalene	10.55	128	1160343	20.283	ng/ul	99
30) 4-Chloroaniline	10.66	127	437935	21.468	ng/ul	96
31) Hexachlorobutadiene	10.83	225	224014	20.453	ng/ul	96
32) Caprolactam	11.43	113	102916	20.055	ng/ul	93
33) 4-Chloro-3-methylphenol	11.79	107	343694	20.209	ng/ul	94
34) 2-Methylnaphthalene	12.16	142	816411	20.255	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	816411	20.255	ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	424596	20.669	ng/ul#	95
38) Hexachlorocyclopentadiene	12.51	237	218280	17.066	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.78	196	258843	22.128	ng/ul	97
40) 2,4,5-Trichlorophenol	12.85	196	277039	21.701	ng/ul	96
41) 1,1'-Biphenyl	13.19	154	998625	20.069	ng/ul#	97
42) 2-Chloronaphthalene	13.22	162	790978	20.312	ng/ul	97
43) 2-Nitroaniline	13.43	65	198013	23.083	ng/ul	100
45) Dimethylphthalate	13.82	163	920272	19.607	ng/ul	99
46) 2,6-Dinitrotoluene	13.94	165	178853	24.809	ng/ul	94
48) Acenaphthylene	14.07	152	1192957	20.318	ng/ul	99
49) 3-Nitroaniline	14.26	138	191789	24.464	ng/ul#	96
50) Acenaphthene	14.42	153	837885	20.100	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	68858	21.353	ng/ul	91
53) 4-Nitrophenol	14.57	109	117656	19.371	ng/ul#	73
54) Dibenzofuran	14.76	168	1150687	20.120	ng/ul	96
55) 2,4-Dinitrotoluene	14.73	165	269308	25.404	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.99	232	234433	22.704	ng/ul#	88
57) Diethylphthalate	15.19	149	904189	19.445	ng/ul	97
59) Fluorene	15.41	166	944000	20.091	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.41	204	481133	20.196	ng/ul	95
61) 4-Nitroaniline	15.43	138	220979	22.947	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.49	198	129625	21.412	ng/ul	100
65) N-Nitrosodiphenylamine	15.62	169	808383	19.871	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	300964	20.226	ng/ul	98
67) Hexachlorobenzene	16.41	284	335892	20.975	ng/ul	95
68) Atrazine	16.58	200	283741	19.734	ng/ul	99
69) Pentachlorophenol	16.76	266	191281	22.089	ng/ul	98
70) Phenanthrene	17.14	178	1484041	20.314	ng/ul	99
72) Anthracene	17.24	178	1535581	20.474	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	442642	20.335	ng/uL	99
74) Pentachlorobenzene	14.67	250	404375	20.594	ng/uL	97
75) Carbazole	17.51	167	1342771	20.366	ng/ul	99
76) Di-n-butylphthalate	18.08	149	1570719	20.477	ng/ul	99
77) Fluoranthene	19.17	202	1753425	20.938	ng/ul#	91
80) Pyrene	19.53	202	1795718	20.095	ng/ul#	86
81) Butylbenzylphthalate	20.44	149	721520	21.833	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.22	252	612368	21.241	ng/ul#	98
83) Benzo(a)anthracene	21.28	228	1831136	20.325	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1078520	20.766	ng/ul	99
85) Chrysene	21.33	228	1712426	20.381	ng/ul	99
87) Di-n-octyl phthalate	22.10	149	1873042	19.617	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	1905441	20.032	ng/ul#	96
89) Benzo(k)fluoranthene	22.91	252	1772642	19.408	ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1816447	20.034	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.77	276	2162900	19.998	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.79	278	1808353	19.987	ng/ul#	95
94) Benzo(g,h,i)perylene	26.46	276	1816233	20.251	ng/ul#	93

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

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