Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023048.D
Acq On : 08 Oct 2019 16:47
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02025

Quant Time: Oct 08 17:42:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	179787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	746656	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	446130	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	894357	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	977991	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	1152799	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	35424	8.52	ng/uL	0.00
5) Phenol-d5	6.95	99	296036	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	166116	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	242819	18.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	232477	17.87	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	111801	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	119529	19.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	240950	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	283123	18.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	647543	18.70	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	792335	19.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	128176	18.74	ng/ul	0.00
58) Fluorene-d10	15.40	176	566577	19.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	100261	17.23	ng/ul	0.00
71) Anthracene-d10	17.25	188	865063	19.81	ng/ul	0.00
79) Pyrene-d10	19.54	212	968953	18.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1169590	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	35274	8.578	ng/uL	98
4) Benzaldehyde	6.92	77	107863	14.983	ng/ul	98
6) Phenol	6.97	94	313709	18.838	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	237136	18.828	ng/ul	98
10) 2-Chlorophenol	7.34	128	261396	19.050	ng/ul	99
11) 2-Methylphenol	8.22	108	234084	18.238	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	327296	19.654	ng/ul	98
14) Acetophenone	8.60	105	368145	18.516	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	185351	18.151	ng/ul	99
16) 4-Methylphenol	8.55	108	258208	18.194	ng/ul	100
17) Hexachloroethane	8.85	117	101045	19.377	ng/ul	99
20) Nitrobenzene	8.97	77	270965	20.143	ng/ul	97
21) Isophorone	9.50	82	497949	18.791	ng/ul	100
23) 2-Nitrophenol	9.68	139	140002	19.454	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	270294	19.290	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.98	93	319457	18.901	ng/ul	100
27) 2,4-Dichlorophenol	10.21	162	245242	19.340	ng/ul	99
28) Naphthalene	10.62	128	801416	19.874	ng/ul	100
30) 4-Chloroaniline	10.72	127	302241	18.854	ng/ul	100
31) Hexachlorobutadiene	10.90	225	147175	19.183	ng/ul	99
32) Caprolactam	11.50	113	66886	16.291	ng/ul	93
33) 4-Chloro-3-methylphenol	11.85	107	244615	18.737	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	575347	19.030	ng/ul	98

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35) 1-Methylnaphthalene	12.45	142	551661	19.105	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	296422	20.251	ng/ul	99
38) Hexachlorocyclopentadiene	12.59	237	230010	25.072	ng/ul	98
39) 2,4,6-Trichlorophenol	12.84	196	189027	19.471	ng/ul	99
40) 2,4,5-Trichlorophenol	12.91	196	205910	19.448	ng/ul	99
41) 1,1'-Biphenyl	13.24	154	732695	20.058	ng/ul	99
42) 2-Chloronaphthalene	13.29	162	563720	20.186	ng/ul	99
43) 2-Nitroaniline	13.49	65	145465	20.085	ng/ul	96
45) Dimethylphthalate	13.87	163	673828	18.945	ng/ul	99
46) 2,6-Dinitrotoluene	13.99	165	133382	18.807	ng/ul	99
48) Acenaphthylene	14.13	152	863226	20.003	ng/ul	100
49) 3-Nitroaniline	14.32	138	127970	18.602	ng/ul	99
50) Acenaphthene	14.47	153	595007	19.792	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	85666	18.927	ng/ul	99
53) 4-Nitrophenol	14.62	109	96598	19.320	ng/ul	98
54) Dibenzofuran	14.81	168	844791	19.675	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	197239	18.850	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.04	232	175776	18.869	ng/ul	98
57) Diethylphthalate	15.24	149	659795	18.477	ng/ul	99
59) Fluorene	15.46	166	678651	19.559	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	333102	18.939	ng/ul	98
61) 4-Nitroaniline	15.47	138	141423	18.198	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.54	198	113914	17.501	ng/ul	98
65) N-Nitrosodiphenylamine	15.67	169	582741	19.824	ng/ul	100
66) 4-Bromophenyl-phenylether	16.34	248	209087	19.379	ng/ul	98
67) Hexachlorobenzene	16.46	284	240644	20.004	ng/ul	100
68) Atrazine	16.62	200	196946	18.325	ng/ul	98
69) Pentachlorophenol	16.80	266	143520	18.390	ng/ul	99
70) Phenanthrene	17.19	178	1064367	19.941	ng/ul	100
72) Anthracene	17.29	178	1094789	20.129	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	292397	20.950	ng/uL	100
74) Pentachlorobenzene	14.73	250	281198	20.184	ng/uL	100
75) Carbazole	17.55	167	982683	20.329	ng/ul	99
76) Di-n-butylphthalate	18.12	149	1077813	18.912	ng/ul	100
77) Fluoranthene	19.21	202	1256397	20.929	ng/ul	99
80) Pyrene	19.57	202	1308666	18.877	ng/ul	98
81) Butylbenzylphthalate	20.47	149	503447	17.657	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.26	252	425912	19.118	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1383085	19.698	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	740830	18.287	ng/ul	99
85) Chrysene	21.37	228	1288276	19.900	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	1277771	16.298	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	1493942	19.528	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	1361672	18.604	ng/ul	99
91) Benzo(a)pyrene	23.50	252	1413187	19.690	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.87	276	1717842	22.534	ng/ul	99
93) Dibenzo(a,h)anthracene	25.89	278	1437867	22.546	ng/ul	100
94) Benzo(g,h,i)perylene	26.57	276	1417902	23.054	ng/ul	99

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

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