Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023992.D
Acq On : 04 Dec 2019 04:36
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Dec 04 05:32:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 04 04:48:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	316276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1331063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	835319	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1756455	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1831260	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2238309	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	62629	8.81	ng/uL	0.00
5) Phenol-d5	6.67	99	546299	19.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	316008	19.60	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.02	132	422815	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	421725	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	201671	19.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	224557	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	431418	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	511090	20.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1213495	18.70	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1452877	19.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	216471	19.84	ng/ul	0.00
58) Fluorene-d10	15.14	176	1051392	19.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	187637	17.02	ng/ul	0.00
71) Anthracene-d10	16.99	188	1614355	19.24	ng/ul	0.00
79) Pyrene-d10	19.30	212	1744739	18.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	2227136	18.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	64244	8.427	ng/uL	97
4) Benzaldehyde	6.64	77	202864	13.896	ng/ul	99
6) Phenol	6.70	94	586020	20.551	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	453869	20.471	ng/ul	99
10) 2-Chlorophenol	7.05	128	457784	20.882	ng/ul	98
11) 2-Methylphenol	7.93	108	422268	19.851	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	492644	20.464	ng/ul	100
14) Acetophenone	8.30	105	676670	20.238	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	366257	20.487	ng/ul	99
16) 4-Methylphenol	8.26	108	468773	20.250	ng/ul	100
17) Hexachloroethane	8.54	117	183371	20.278	ng/ul	98
20) Nitrobenzene	8.67	77	524893	20.914	ng/ul	99
21) Isophorone	9.20	82	960771	20.165	ng/ul	99
23) 2-Nitrophenol	9.38	139	251706	20.261	ng/ul	97
24) 2,4-Dimethylphenol	9.45	107	516887	20.620	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	604468	20.222	ng/ul	100
27) 2,4-Dichlorophenol	9.91	162	435061	20.361	ng/ul	99
28) Naphthalene	10.30	128	1443985	20.577	ng/ul	99
30) 4-Chloroaniline	10.42	127	552429	22.000	ng/ul	97
31) Hexachlorobutadiene	10.59	225	268015	19.864	ng/ul	98
32) Caprolactam	11.22	113	123095	19.078	ng/ul	97
33) 4-Chloro-3-methylphenol	11.56	107	464680	20.547	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	1034666	20.306	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	994759	19.885 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	513679	19.716 ng/ul	99
38) Hexachlorocyclopentadiene	12.29	237	202577	16.685 ng/ul	99
39) 2,4,6-Trichlorophenol	12.56	196	335894	19.790 ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	362087	20.067 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1333105	19.752 ng/ul	98
42) 2-Chloronaphthalene	13.00	162	1030910	19.963 ng/ul	99
43) 2-Nitroaniline	13.22	65	288315	21.479 ng/ul	100
45) Dimethylphthalate	13.61	163	1249596	19.668 ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	254224	20.451 ng/ul	98
48) Acenaphthylene	13.86	152	1593056	20.710 ng/ul	99
49) 3-Nitroaniline	14.06	138	235924	20.295 ng/ul	100
50) Acenaphthene	14.20	153	1100366	20.136 ng/ul	100
51) 2,4-Dinitrophenol	14.28	184	158363	23.899 ng/ul	94
53) 4-Nitrophenol	14.39	109	167347	20.813 ng/ul	97
54) Dibenzofuran	14.54	168	1578930	20.421 ng/ul	100
55) 2,4-Dinitrotoluene	14.53	165	378577	20.938 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.78	232	319862	20.124 ng/ul	96
57) Diethylphthalate	14.99	149	1254793	19.737 ng/ul	100
59) Fluorene	15.20	166	1273342	20.421 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	616196	19.615 ng/ul	98
61) 4-Nitroaniline	15.23	138	212957	16.239 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.30	198	214050	18.077 ng/ul	99
65) N-Nitrosodiphenylamine	15.42	169	1105625	19.877 ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	402835	18.812 ng/ul	97
67) Hexachlorobenzene	16.21	284	477441	19.236 ng/ul	98
68) Atrazine	16.38	200	373660	19.162 ng/ul	98
69) Pentachlorophenol	16.56	266	255718	18.182 ng/ul	100
70) Phenanthrene	16.94	178	2023900	20.397 ng/ul	100
72) Anthracene	17.03	178	2054732	20.396 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	507245	19.201 ng/uL	97
74) Pentachlorobenzene	14.47	250	543779	19.142 ng/uL	98
75) Carbazole	17.30	167	1833960	21.024 ng/ul	100
76) Di-n-butylphthalate	17.89	149	2037658	18.785 ng/ul	100
77) Fluoranthene	18.97	202	2316953	21.774 ng/ul	98
80) Pyrene	19.33	202	2412190	19.550 ng/ul	98
81) Butylbenzylphthalate	20.26	149	968125	18.469 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.03	252	810933	17.514 ng/ul	99
83) Benzo(a)anthracene	21.09	228	2472412	20.199 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1369606	17.579 ng/ul	100
85) Chrysene	21.14	228	2322083	20.202 ng/ul	100
87) Di-n-octyl phthalate	21.90	149	2364197	18.064 ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	2699793	19.504 ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	2666693	20.294 ng/ul	100
91) Benzo(a)pyrene	23.16	252	2621078	20.027 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.37	276	3258296	20.049 ng/ul	99
93) Dibenzo(a,h)anthracene	25.38	278	2744019	20.102 ng/ul	100
94) Benzo(g,h,i)perylene	26.02	276	2719896	19.984 ng/ul	99

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

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