Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023117.D
Acq On : 10 Oct 2019 15:42
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02006

Quant Time: Oct 10 17:01:30 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	217830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	886689	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	476738	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	852452	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	848962	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	1003738	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	40591	8.06	ng/uL	0.00
5) Phenol-d5	6.94	99	352221	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	201443	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	298660	19.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	276867	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	139327	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	151331	20.25	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	288002	19.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	320150	17.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	691335	18.68	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	846575	19.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	115453	15.79	ng/ul	0.00
58) Fluorene-d10	15.40	176	574460	18.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	92709	16.71	ng/ul	0.00
71) Anthracene-d10	17.24	188	822760	19.76	ng/ul	0.00
79) Pyrene-d10	19.54	212	875244	19.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1009892	19.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	39117	7.851	ng/uL	98
4) Benzaldehyde	6.92	77	131150	15.036	ng/ul	99
6) Phenol	6.96	94	373327	18.503	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	291393	19.096	ng/ul	100
10) 2-Chlorophenol	7.33	128	317261	19.083	ng/ul	100
11) 2-Methylphenol	8.21	108	280861	18.061	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	391495	19.404	ng/ul	99
14) Acetophenone	8.59	105	437636	18.167	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.58	70	219737	17.760	ng/ul	99
16) 4-Methylphenol	8.54	108	307205	17.866	ng/ul	99
17) Hexachloroethane	8.85	117	124084	19.639	ng/ul	99
20) Nitrobenzene	8.96	77	323970	20.280	ng/ul	100
21) Isophorone	9.49	82	583752	18.550	ng/ul	100
23) 2-Nitrophenol	9.67	139	173135	20.258	ng/ul	98
24) 2,4-Dimethylphenol	9.73	107	320875	19.283	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.97	93	382316	19.048	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	291152	19.334	ng/ul	100
28) Naphthalene	10.60	128	945412	19.743	ng/ul	100
30) 4-Chloroaniline	10.72	127	338158	17.763	ng/ul	100
31) Hexachlorobutadiene	10.89	225	187207	20.547	ng/ul	99
32) Caprolactam	11.50	113	70281	14.415	ng/ul	97
33) 4-Chloro-3-methylphenol	11.84	107	266968	17.220	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	660999	18.410	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.44	142	626205	18.262	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.59	216	349185	22.325	ng/ul	98
38) Hexachlorocyclopentadiene	12.57	237	223137	22.761	ng/ul	99
39) 2,4,6-Trichlorophenol	12.83	196	214850	20.711	ng/ul	99
40) 2,4,5-Trichlorophenol	12.90	196	229529	20.287	ng/ul	99
41) 1,1'-Biphenyl	13.24	154	811713	20.795	ng/ul	99
42) 2-Chloronaphthalene	13.27	162	622564	20.861	ng/ul	100
43) 2-Nitroaniline	13.48	65	150163	19.403	ng/ul	100
45) Dimethylphthalate	13.86	163	711918	18.731	ng/ul	100
46) 2,6-Dinitrotoluene	13.98	165	142498	18.803	ng/ul	99
48) Acenaphthylene	14.13	152	917034	19.885	ng/ul	100
49) 3-Nitroaniline	14.31	138	129736	17.648	ng/ul	99
50) Acenaphthene	14.47	153	630209	19.617	ng/ul	100
51) 2,4-Dinitrophenol	14.52	184	73332	15.162	ng/ul	99
53) 4-Nitrophenol	14.62	109	86352	16.162	ng/ul	99
54) Dibenzofuran	14.80	168	883454	19.255	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	194488	17.394	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.03	232	180198	18.102	ng/ul	100
57) Diethylphthalate	15.23	149	677540	17.756	ng/ul	99
59) Fluorene	15.45	166	689213	18.588	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	349190	18.579	ng/ul	98
61) 4-Nitroaniline	15.47	138	131194	15.798	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.53	198	106785	17.213	ng/ul	97
65) N-Nitrosodiphenylamine	15.66	169	583673	20.831	ng/ul	100
66) 4-Bromophenyl-phenylether	16.34	248	216794	21.082	ng/ul	99
67) Hexachlorobenzene	16.46	284	242089	21.114	ng/ul	98
68) Atrazine	16.61	200	194625	18.999	ng/ul	99
69) Pentachlorophenol	16.80	266	128555	17.282	ng/ul	99
70) Phenanthrene	17.19	178	1006354	19.781	ng/ul	100
72) Anthracene	17.28	178	1028439	19.839	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	333455	25.066	ng/uL	99
74) Pentachlorobenzene	14.73	250	309010	23.271	ng/uL	99
75) Carbazole	17.54	167	899477	19.523	ng/ul	100
76) Di-n-butylphthalate	18.12	149	1036300	19.077	ng/ul	100
77) Fluoranthene	19.20	202	1133462	19.809	ng/ul	100
80) Pyrene	19.57	202	1168106	19.410	ng/ul	100
81) Butylbenzylphthalate	20.47	149	461759	18.657	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	382270	19.767	ng/ul	100
83) Benzo(a)anthracene	21.32	228	1204074	19.755	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	672976	19.137	ng/ul	99
85) Chrysene	21.37	228	1120696	19.942	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	1134701	16.622	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	1265824	19.003	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	1190209	18.677	ng/ul	100
91) Benzo(a)pyrene	23.49	252	1207291	19.319	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.86	276	1473445	22.198	ng/ul	100
93) Dibenzo(a,h)anthracene	25.87	278	1229443	22.141	ng/ul	99
94) Benzo(g,h,i)perylene	26.55	276	1229643	22.962	ng/ul	99

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

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