Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023111.D
Acq On : 10 Oct 2019 08:53
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02005

Quant Time: Oct 10 09:38:38 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	147768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	602592	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	349000	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	696596	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	736616	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	860948	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	28288	8.28	ng/uL	0.00
5) Phenol-d5	6.94	99	236417	18.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	131210	18.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	195428	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	186342	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	91318	19.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	98502	19.40	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	195918	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	226414	18.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	509530	18.81	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	627816	20.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	93520	17.47	ng/ul	0.00
58) Fluorene-d10	15.40	176	440884	19.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	71726	15.82	ng/ul	0.00
71) Anthracene-d10	17.24	188	675091	19.85	ng/ul	0.00
79) Pyrene-d10	19.54	212	749994	18.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	877377	19.70	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27222	8.054	ng/uL	95
4) Benzaldehyde	6.92	77	86926	14.691	ng/ul	98
6) Phenol	6.96	94	252371	18.439	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	188788	18.238	ng/ul	99
10) 2-Chlorophenol	7.33	128	212837	18.872	ng/ul	99
11) 2-Methylphenol	8.21	108	189847	17.996	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	257925	18.845	ng/ul	99
14) Acetophenone	8.59	105	291768	17.855	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	147239	17.543	ng/ul	99
16) 4-Methylphenol	8.53	108	207723	17.808	ng/ul	96
17) Hexachloroethane	8.85	117	82819	19.323	ng/ul	98
20) Nitrobenzene	8.96	77	217494	20.034	ng/ul	99
21) Isophorone	9.49	82	394727	18.457	ng/ul	100
23) 2-Nitrophenol	9.67	139	113470	19.537	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	217984	19.276	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	255511	18.732	ng/ul	100
27) 2,4-Dichlorophenol	10.20	162	198835	19.429	ng/ul	100
28) Naphthalene	10.60	128	646558	19.867	ng/ul	99
30) 4-Chloroaniline	10.72	127	240275	18.572	ng/ul	100
31) Hexachlorobutadiene	10.90	225	123607	19.962	ng/ul	99
32) Caprolactam	11.50	113	53057	16.012	ng/ul	95
33) 4-Chloro-3-methylphenol	11.84	107	191901	18.213	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	459708	18.841	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.44	142	436480	18.730	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.59	216	243303	21.249	ng/ul	99
38) Hexachlorocyclopentadiene	12.57	237	147359	20.533	ng/ul	98
39) 2,4,6-Trichlorophenol	12.83	196	153143	20.165	ng/ul	99
40) 2,4,5-Trichlorophenol	12.90	196	162641	19.636	ng/ul	98
41) 1,1'-Biphenyl	13.24	154	582991	20.402	ng/ul	100
42) 2-Chloronaphthalene	13.27	162	447942	20.504	ng/ul	99
43) 2-Nitroaniline	13.48	65	112337	19.828	ng/ul	99
45) Dimethylphthalate	13.86	163	524611	18.854	ng/ul	100
46) 2,6-Dinitrotoluene	13.98	165	104128	18.769	ng/ul	99
48) Acenaphthylene	14.13	152	678710	20.104	ng/ul	99
49) 3-Nitroaniline	14.30	138	99426	18.476	ng/ul	96
50) Acenaphthene	14.47	153	470236	19.995	ng/ul	100
51) 2,4-Dinitrophenol	14.52	184	56087	15.841	ng/ul	100
53) 4-Nitrophenol	14.62	109	71324	18.235	ng/ul	97
54) Dibenzofuran	14.80	168	664685	19.789	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	152772	18.664	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.03	232	140223	19.242	ng/ul	100
57) Diethylphthalate	15.23	149	513838	18.394	ng/ul	100
59) Fluorene	15.45	166	527407	19.431	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	262816	19.102	ng/ul	97
61) 4-Nitroaniline	15.47	138	110351	18.152	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.53	198	81523	16.081	ng/ul	96
65) N-Nitrosodiphenylamine	15.66	169	456188	19.924	ng/ul	99
66) 4-Bromophenyl-phenylether	16.34	248	168432	20.043	ng/ul	99
67) Hexachlorobenzene	16.46	284	191896	20.481	ng/ul	98
68) Atrazine	16.62	200	156181	18.658	ng/ul	100
69) Pentachlorophenol	16.80	266	112435	18.497	ng/ul	99
70) Phenanthrene	17.19	178	825825	19.864	ng/ul	100
72) Anthracene	17.28	178	851151	20.093	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	237925	21.886	ng/uL	100
74) Pentachlorobenzene	14.73	250	229646	21.163	ng/uL	99
75) Carbazole	17.54	167	758732	20.152	ng/ul	100
76) Di-n-butylphthalate	18.12	149	847425	19.091	ng/ul	100
77) Fluoranthene	19.20	202	977483	20.905	ng/ul	100
80) Pyrene	19.57	202	1006238	19.270	ng/ul	99
81) Butylbenzylphthalate	20.47	149	394063	18.350	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.24	252	312168	18.604	ng/ul	100
83) Benzo(a)anthracene	21.32	228	1046280	19.784	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	584006	19.140	ng/ul	100
85) Chrysene	21.36	228	976371	20.024	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	992764	16.955	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	1062163	18.591	ng/ul	99
89) Benzo(k)fluoranthene	22.94	252	1063689	19.460	ng/ul	99
91) Benzo(a)pyrene	23.48	252	1039179	19.387	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.85	276	1254676	22.037	ng/ul	99
93) Dibenzo(a,h)anthracene	25.86	278	1048273	22.009	ng/ul	99
94) Benzo(g,h,i)perylene	26.54	276	1049087	22.839	ng/ul	98

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

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