Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022980.D
Acq On : 05 Oct 2019 04:40
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Oct 05 05:17:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 16:45:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	241443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1039647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	609653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	1093161	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	813675	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	937702	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	43641	7.82	ng/uL	0.00
5) Phenol-d5	6.96	99	394425	18.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	223146	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	324330	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	315360	18.06	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	154028	19.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	163578	18.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	331744	19.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	374726	17.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	886282	18.73	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1057294	19.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	136976	14.65	ng/ul	0.00
58) Fluorene-d10	15.42	176	732425	18.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	108988	15.32	ng/ul	0.00
71) Anthracene-d10	17.26	188	1019760	19.10	ng/ul	0.00
79) Pyrene-d10	19.56	212	921861	21.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	912152	18.80	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	45005	8.149	ng/uL	99
4) Benzaldehyde	6.93	77	150045	15.520	ng/ul	99
6) Phenol	6.99	94	418447	18.711	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	319658	18.899	ng/ul	99
10) 2-Chlorophenol	7.36	128	347512	18.858	ng/ul	100
11) 2-Methylphenol	8.23	108	316824	18.381	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	441097	19.724	ng/ul	99
14) Acetophenone	8.61	105	491157	18.395	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	249800	18.215	ng/ul	99
16) 4-Methylphenol	8.56	108	348962	18.310	ng/ul	97
17) Hexachloroethane	8.87	117	134787	19.247	ng/ul	99
20) Nitrobenzene	8.99	77	363003	19.381	ng/ul	100
21) Isophorone	9.52	82	679801	18.424	ng/ul	99
23) 2-Nitrophenol	9.69	139	189472	18.908	ng/ul	98
24) 2,4-Dimethylphenol	9.76	107	370078	18.968	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	441240	18.749	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	332791	18.848	ng/ul	100
28) Naphthalene	10.63	128	1071233	19.079	ng/ul	100
30) 4-Chloroaniline	10.73	127	395699	17.728	ng/ul	100
31) Hexachlorobutadiene	10.92	225	203186	19.020	ng/ul	99
32) Caprolactam	11.52	113	87397	15.288	ng/ul	98
33) 4-Chloro-3-methylphenol	11.86	107	327956	18.041	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	782113	18.579	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.46	142	744595	18.519 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	405216	20.259 ng/ul	98
38) Hexachlorocyclopentadiene	12.60	237	225920	18.021 ng/ul	99
39) 2,4,6-Trichlorophenol	12.86	196	256293	19.319 ng/ul	99
40) 2,4,5-Trichlorophenol	12.93	196	273784	18.922 ng/ul	99
41) 1,1'-Biphenyl	13.26	154	988410	19.801 ng/ul	99
42) 2-Chloronaphthalene	13.30	162	752578	19.720 ng/ul	100
43) 2-Nitroaniline	13.50	65	187231	18.918 ng/ul	96
45) Dimethylphthalate	13.89	163	910108	18.724 ng/ul	100
46) 2,6-Dinitrotoluene	14.00	165	181401	18.718 ng/ul	98
48) Acenaphthylene	14.15	152	1138366	19.303 ng/ul	100
49) 3-Nitroaniline	14.33	138	158888	16.902 ng/ul	100
50) Acenaphthene	14.49	153	790803	19.249 ng/ul	99
51) 2,4-Dinitrophenol	14.53	184	91491	14.792 ng/ul	98
53) 4-Nitrophenol	14.64	109	102584	15.014 ng/ul	100
54) Dibenzofuran	14.82	168	1102096	18.783 ng/ul	98
55) 2,4-Dinitrotoluene	14.79	165	246663	17.251 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.05	232	222373	17.468 ng/ul	97
57) Diethylphthalate	15.25	149	895864	18.359 ng/ul	100
59) Fluorene	15.47	166	878297	18.524 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.47	204	445128	18.520 ng/ul	98
61) 4-Nitroaniline	15.49	138	157034	14.787 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.55	198	121729	15.301 ng/ul	99
65) N-Nitrosodiphenylamine	15.68	169	754470	20.998 ng/ul	99
66) 4-Bromophenyl-phenylether	16.36	248	273806	20.763 ng/ul	98
67) Hexachlorobenzene	16.47	284	301186	20.484 ng/ul	99
68) Atrazine	16.63	200	248391	18.909 ng/ul	98
69) Pentachlorophenol	16.82	266	156777	16.436 ng/ul	98
70) Phenanthrene	17.20	178	1251343	19.180 ng/ul	100
72) Anthracene	17.30	178	1275183	19.182 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.22	216	395281	23.170 ng/uL	99
74) Pentachlorobenzene	14.75	250	380872	22.367 ng/uL	99
75) Carbazole	17.56	167	1065923	18.041 ng/ul	99
76) Di-n-butylphthalate	18.13	149	1321608	18.972 ng/ul	100
77) Fluoranthene	19.22	202	1241749	16.923 ng/ul	99
80) Pyrene	19.59	202	1240004	21.498 ng/ul	100
81) Butylbenzylphthalate	20.49	149	467855	19.723 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	318541	17.186 ng/ul	99
83) Benzo(a)anthracene	21.33	228	1116204	19.107 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	658913	19.549 ng/ul	100
85) Chrysene	21.38	228	1044648	19.395 ng/ul	99
87) Di-n-octyl phthalate	22.14	149	1010935	15.852 ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	1170150	18.804 ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	1064236	17.876 ng/ul	100
91) Benzo(a)pyrene	23.50	252	1103226	18.897 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.89	276	1358934	21.915 ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	1137570	21.929 ng/ul	99
94) Benzo(g,h,i)perylene	26.59	276	1129294	22.573 ng/ul	99

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

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