Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024125.D
Acq On : 17 Dec 2019 17:22
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02006

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Quant Time: Dec 18 00:25:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	347809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1641719	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	1111693	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2410464	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	2429006	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	2762372	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	65340	8.30	ng/uL	0.00
5) Phenol-d5	6.65	99	608164	18.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	380258	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	455925	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	499832	18.57	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	231214	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	261369	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	496115	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	597185	19.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1595808	19.41	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1927156	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	266719	18.07	ng/ul	0.00
58) Fluorene-d10	15.12	176	1388930	19.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	270425	18.39	ng/ul	0.00
71) Anthracene-d10	16.97	188	2140622	19.52	ng/ul	0.00
79) Pyrene-d10	19.27	212	2262173	19.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2680843	19.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	67283	7.715	ng/uL	93
4) Benzaldehyde	6.61	77	438759	20.609	ng/ul	96
6) Phenol	6.67	94	630316	18.535	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	506880	19.236	ng/ul	98
10) 2-Chlorophenol	7.02	128	464473	19.281	ng/ul	98
11) 2-Methylphenol	7.91	108	466613	18.455	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.99	45	588642	19.396	ng/ul	99
14) Acetophenone	8.28	105	777009	19.139	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.27	70	445498	19.864	ng/ul	99
16) 4-Methylphenol	8.24	108	537126	19.134	ng/ul	99
17) Hexachloroethane	8.51	117	192478	19.358	ng/ul	98
20) Nitrobenzene	8.65	77	639646	19.507	ng/ul	99
21) Isophorone	9.17	82	1208894	19.724	ng/ul	99
23) 2-Nitrophenol	9.35	139	288808	20.225	ng/ul	95
24) 2,4-Dimethylphenol	9.43	107	602194	19.549	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	738371	19.392	ng/ul	100
27) 2,4-Dichlorophenol	9.89	162	486440	19.711	ng/ul	98
28) Naphthalene	10.27	128	1654301	19.230	ng/ul	99
30) 4-Chloroaniline	10.40	127	604761	19.565	ng/ul	100
31) Hexachlorobutadiene	10.56	225	291410	19.101	ng/ul	97
32) Caprolactam	11.19	113	172772m	18.527	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	577342	19.496	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	1200151	19.517	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	1213175	19.329	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	581984	19.366	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	231088	17.066	ng/ul	97
39) 2,4,6-Trichlorophenol	12.53	196	390020	19.624	ng/ul	99
40) 2,4,5-Trichlorophenol	12.61	196	409700	19.122	ng/ul	99
41) 1,1'-Biphenyl	12.94	154	1598744	19.266	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	1271007	19.495	ng/ul	99
43) 2-Nitroaniline	13.20	65	378358	19.794	ng/ul	98
45) Dimethylphthalate	13.59	163	1657966	19.406	ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	338200	20.095	ng/ul	98
48) Acenaphthylene	13.83	152	2040824	19.515	ng/ul	99
49) 3-Nitroaniline	14.04	138	308194	19.295	ng/ul	99
50) Acenaphthene	14.18	153	1392465	19.365	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	150744	15.939	ng/ul	95
53) 4-Nitrophenol	14.37	109	213774	18.163	ng/ul	99
54) Dibenzofuran	14.52	168	1924175	19.249	ng/ul	100
55) 2,4-Dinitrotoluene	14.51	165	505600	19.893	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.76	232	379514	19.593	ng/ul	99
57) Diethylphthalate	14.97	149	1685403	19.403	ng/ul	100
59) Fluorene	15.17	166	1627103	19.274	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.17	204	786735	19.165	ng/ul	98
61) 4-Nitroaniline	15.21	138	312805	17.736	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.28	198	288938	18.397	ng/ul	97
65) N-Nitrosodiphenylamine	15.39	169	1372596	19.584	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	506736	19.777	ng/ul	98
67) Hexachlorobenzene	16.18	284	611256	19.484	ng/ul	98
68) Atrazine	16.36	200	496539	19.059	ng/ul	99
69) Pentachlorophenol	16.53	266	290809	17.689	ng/ul	99
70) Phenanthrene	16.92	178	2621202	19.424	ng/ul	99
72) Anthracene	17.00	178	2667302	19.660	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	594574	19.654	ng/uL	98
74) Pentachlorobenzene	14.44	250	653450	19.613	ng/uL	96
75) Carbazole	17.28	167	2293992	19.683	ng/ul	99
76) Di-n-butylphthalate	17.86	149	2799014	20.025	ng/ul	99
77) Fluoranthene	18.94	202	3001733	20.408	ng/ul	99
80) Pyrene	19.30	202	3140773	19.806	ng/ul	100
81) Butylbenzylphthalate	20.23	149	1276257	20.429	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.01	252	1051083	19.493	ng/ul	99
83) Benzo(a)anthracene	21.07	228	2991335	19.329	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1885323	20.251	ng/ul	98
85) Chrysene	21.12	228	2958128	19.501	ng/ul	99
87) Di-n-octyl phthalate	21.88	149	3150430	21.108	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	3314143	20.051	ng/ul	100
89) Benzo(k)fluoranthene	22.63	252	3161674	19.495	ng/ul	99
91) Benzo(a)pyrene	23.13	252	2935248	19.631	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.33	276	3508985	19.544	ng/ul	100
93) Dibenzo(a,h)anthracene	25.34	278	2930049	19.465	ng/ul	100
94) Benzo(g,h,i)perylene	25.97	276	2863163	19.531	ng/ul	99

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

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