Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122619\
Data File : BM024291.D
Acq On : 26 Dec 2019 10:51
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Quant Time: Dec 26 14:50:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 26 03:43:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	214186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	913796	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	543263	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.84	188	1095381	20.00	ng/ul	-0.01
78) Chrysene-d12	21.06	240	1032674	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1231490	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	42145	8.69	ng/uL	0.00
5) Phenol-d5	6.62	99	360233	17.76	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	237623	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	277094	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	285514	17.22	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	131547	20.03	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	141316	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	268452	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	325686	19.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	751951	18.72	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	956918	19.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	107650	14.92	ng/ul	0.00
58) Fluorene-d10	15.09	176	662246	18.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	107137	16.03	ng/ul	0.00
71) Anthracene-d10	16.94	188	967882	19.42	ng/ul	0.00
79) Pyrene-d10	19.26	212	993546	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1184436	19.36	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	44520	8.290	ng/uL#	88
4) Benzaldehyde	6.59	77	269602	20.564	ng/ul	97
6) Phenol	6.65	94	377014	18.003	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.87	93	303253	18.688	ng/ul	97
10) 2-Chlorophenol	6.99	128	280408	18.902	ng/ul	98
11) 2-Methylphenol	7.89	108	274811	17.649	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	378720	20.264	ng/ul	99
14) Acetophenone	8.25	105	440969	17.638	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.24	70	253983	18.390	ng/ul	99
16) 4-Methylphenol	8.21	108	300132	17.362	ng/ul	93
17) Hexachloroethane	8.47	117	125603	20.513	ng/ul	96
20) Nitrobenzene	8.62	77	371862	20.374	ng/ul	97
21) Isophorone	9.15	82	668421	19.593	ng/ul	99
23) 2-Nitrophenol	9.32	139	154927	19.492	ng/ul	91
24) 2,4-Dimethylphenol	9.40	107	335516	19.568	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	415245	19.593	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	259446	18.887	ng/ul	97
28) Naphthalene	10.24	128	923623	19.288	ng/ul	99
30) 4-Chloroaniline	10.37	127	329781	19.168	ng/ul	99
31) Hexachlorobutadiene	10.52	225	163291	19.229	ng/ul	96
32) Caprolactam	11.16	113	78930	15.206	ng/ul	98
33) 4-Chloro-3-methylphenol	11.52	107	302326	18.341	ng/ul	97
34) 2-Methylnaphthalene	11.87	142	632095	18.467	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.09	142	634437	18.160	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	299479	20.392	ng/ul	99
38) Hexachlorocyclopentadiene	12.22	237	133298	20.144	ng/ul	95
39) 2,4,6-Trichlorophenol	12.51	196	190428	19.606	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	194761	18.601	ng/ul	97
41) 1,1'-Biphenyl	12.91	154	806139	19.879	ng/ul	100
42) 2-Chloronaphthalene	12.95	162	642320	20.161	ng/ul	100
43) 2-Nitroaniline	13.17	65	195563	20.936	ng/ul	93
45) Dimethylphthalate	13.56	163	783432	18.764	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	154236	18.754	ng/ul	98
48) Acenaphthylene	13.80	152	1012658	19.815	ng/ul	99
49) 3-Nitroaniline	14.02	138	141347	18.109	ng/ul	90
50) Acenaphthene	14.15	153	691870	19.690	ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	78745	17.038	ng/ul	96
53) 4-Nitrophenol	14.36	109	90197	15.682	ng/ul	96
54) Dibenzofuran	14.49	168	926283	18.962	ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	228075	18.363	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	14.73	232	169265	17.882	ng/ul	96
57) Diethylphthalate	14.94	149	791092	18.637	ng/ul	99
59) Fluorene	15.14	166	771367	18.698	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.15	204	368411	18.365	ng/ul	97
61) 4-Nitroaniline	15.19	138	140936	16.353	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.26	198	113890	15.957	ng/ul	93
65) N-Nitrosodiphenylamine	15.37	169	640129	20.099	ng/ul	99
66) 4-Bromophenyl-phenylether	16.04	248	228586	19.632	ng/ul	99
67) Hexachlorobenzene	16.16	284	277708	19.479	ng/ul	99
68) Atrazine	16.34	200	217224	18.348	ng/ul	98
69) Pentachlorophenol	16.51	266	111405	14.912	ng/ul	97
70) Phenanthrene	16.89	178	1192647	19.448	ng/ul	99
72) Anthracene	16.98	178	1208871	19.608	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.87	216	300989	21.894	ng/uL	99
74) Pentachlorobenzene	14.42	250	312023	20.608	ng/uL	97
75) Carbazole	17.26	167	1024222	19.339	ng/ul	99
76) Di-n-butylphthalate	17.84	149	1250708	19.691	ng/ul	99
77) Fluoranthene	18.92	202	1310404	19.605	ng/ul	99
80) Pyrene	19.29	202	1371549	20.344	ng/ul	99
81) Butylbenzylphthalate	20.22	149	547843	20.627	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.99	252	448694	19.573	ng/ul	100
83) Benzo(a)anthracene	21.05	228	1291176	19.624	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	821993	20.768	ng/ul	100
85) Chrysene	21.10	228	1268689	19.673	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	1379648	20.735	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1455195	19.749	ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	1369869	18.947	ng/ul	99
91) Benzo(a)pyrene	23.10	252	1304819	19.575	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	1711398	21.381	ng/ul	98
93) Dibenzo(a,h)anthracene	25.30	278	1428345	21.285	ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1438746	22.015	ng/ul	99

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

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