Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023281.D
Acq On : 19 Oct 2019 10:56
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

Quant Time: Oct 19 23:37:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	399762	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1518925	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	931943	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1987711	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2234224	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2611159	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	74427	8.19	ng/uL	0.00
5) Phenol-d5	6.82	99	594042	17.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	352885	17.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	483569	18.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	460433	16.46	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	218436	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	225804	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	480337	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	594691	19.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1323850	18.54	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1591654	19.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	236502	20.46	ng/ul	0.00
58) Fluorene-d10	15.29	176	1167399	19.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	179290	22.75	ng/ul	0.00
71) Anthracene-d10	17.14	188	1852150	19.32	ng/ul	0.00
79) Pyrene-d10	19.44	212	2115557	19.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2588199	19.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	74437	7.841	ng/uL#	83
4) Benzaldehyde	6.79	77	427013	18.665	ng/ul	98
6) Phenol	6.85	94	619058	17.242	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	478294	18.065	ng/ul	98
10) 2-Chlorophenol	7.22	128	508708	18.266	ng/ul	98
11) 2-Methylphenol	8.09	108	453081	16.461	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	678017	17.544	ng/ul	98
14) Acetophenone	8.47	105	724335	16.614	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	371430	15.423	ng/ul	98
16) 4-Methylphenol	8.42	108	491605	16.426	ng/ul	100
17) Hexachloroethane	8.73	117	213160	19.254	ng/ul	95
20) Nitrobenzene	8.84	77	552879	20.136	ng/ul	95
21) Isophorone	9.37	82	994607	16.840	ng/ul	100
23) 2-Nitrophenol	9.55	139	257404	22.855	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	548834	18.334	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	613879	18.716	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	475595	19.560	ng/ul	96
28) Naphthalene	10.48	128	1543247	19.657	ng/ul	99
30) 4-Chloroaniline	10.59	127	614954	19.633	ng/ul	99
31) Hexachlorobutadiene	10.78	225	329668	20.126	ng/ul	100
32) Caprolactam	11.35	113	136549	15.641	ng/ul	89
33) 4-Chloro-3-methylphenol	11.72	107	493771	17.722	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	1106348	18.938	ng/ul	99

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35) 1-Methylnaphthalene	12.32	142	1061291	18.771	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	610724	20.260	ng/ul	97
38) Hexachlorocyclopentadiene	12.46	237	299813	16.435	ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	379179	20.455	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	404913	20.319	ng/ul	100
41) 1,1'-Biphenyl	13.13	154	1424754	20.092	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1104843	20.118	ng/ul	100
43) 2-Nitroaniline	13.36	65	288552	22.421	ng/ul	95
45) Dimethylphthalate	13.76	163	1337424	18.710	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	255324	22.749	ng/ul	96
48) Acenaphthylene	14.02	152	1672980	19.534	ng/ul	99
49) 3-Nitroaniline	14.19	138	264475	21.869	ng/ul#	97
50) Acenaphthene	14.36	153	1165275	19.539	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	114617	22.419	ng/ul	97
53) 4-Nitrophenol	14.51	109	203473	19.537	ng/ul	92
54) Dibenzofuran	14.70	168	1677818	19.818	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	379301	23.105	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.93	232	361361	20.829	ng/ul	99
57) Diethylphthalate	15.14	149	1337194	18.316	ng/ul	99
59) Fluorene	15.35	166	1358446	19.557	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.35	204	705179	19.438	ng/ul	99
61) 4-Nitroaniline	15.36	138	303565	20.862	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.43	198	203264	22.029	ng/ul	95
65) N-Nitrosodiphenylamine	15.56	169	1185125	19.319	ng/ul	99
66) 4-Bromophenyl-phenylether	16.24	248	473413	19.728	ng/ul	97
67) Hexachlorobenzene	16.36	284	559671	20.565	ng/ul	97
68) Atrazine	16.52	200	426344	18.158	ng/ul	99
69) Pentachlorophenol	16.70	266	305154	20.018	ng/ul	100
70) Phenanthrene	17.09	178	2216612	19.871	ng/ul	100
72) Anthracene	17.17	178	2267560	19.671	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	589038	20.407	ng/uL	99
74) Pentachlorobenzene	14.62	250	614625	20.438	ng/uL	99
75) Carbazole	17.44	167	2040050	19.810	ng/ul	100
76) Di-n-butylphthalate	18.03	149	2238891	18.270	ng/ul	99
77) Fluoranthene	19.10	202	2714221	20.459	ng/ul	100
80) Pyrene	19.47	202	2831293	20.229	ng/ul	99
81) Butylbenzylphthalate	20.39	149	1057298	21.719	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.15	252	1080685	19.968	ng/ul	99
83) Benzo(a)anthracene	21.22	228	2957682	19.537	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1529728	19.762	ng/ul	99
85) Chrysene	21.27	228	2732102	19.436	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	2653256	19.696	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	3075848	19.429	ng/ul	100
89) Benzo(k)fluoranthene	22.82	252	3068639	20.186	ng/ul	99
91) Benzo(a)pyrene	23.34	252	2983357	19.642	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.65	276	3647185	20.184	ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	3059193	20.249	ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	3002444	20.182	ng/ul	97

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

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