Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020907.D
Acq On : 12 Jun 2019 17:16
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02032

Quant Time: Jun 12 17:50:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	378860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1505213	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	822715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1759451	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1651434	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1875031	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	57760	7.27	ng/uL	0.00
5) Phenol-d5	6.97	99	580195	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	339245	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	498252	21.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	469087	20.11	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	229408	22.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	255047	24.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	510109	23.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	596777	22.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1327465	21.81	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1708329	22.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	213446	20.44	ng/ul	0.00
57) Fluorene-d10	15.44	176	1115988	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	154653	17.19	ng/ul	0.00
70) Anthracene-d10	17.29	188	1669912	21.73	ng/ul	0.00
78) Pyrene-d10	19.58	212	1741068	21.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1864466	21.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	65331	7.828	ng/uL	90
4) Benzaldehyde	6.96	77	414215	18.965	ng/ul	95
6) Phenol	7.00	94	589914	19.769	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	460613	19.895	ng/ul	97
10) 2-Chlorophenol	7.37	128	506228	21.317	ng/ul	95
11) 2-Methylphenol	8.25	108	442540	19.959	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	579987	19.110	ng/ul	99
14) Acetophenone	8.63	105	714849	19.836	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	373061	19.664	ng/ul	97
16) 4-Methylphenol	8.57	108	479971	19.793	ng/ul	96
17) Hexachloroethane	8.87	117	201573	20.186	ng/ul	94
20) Nitrobenzene	9.01	77	546028	21.111	ng/ul	99
21) Isophorone	9.53	82	985783	20.627	ng/ul	98
23) 2-Nitrophenol	9.72	139	272100	22.946	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	538106	21.111	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.01	93	613959	20.707	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	490396	22.479	ng/ul	98
28) Naphthalene	10.65	128	1517733	21.469	ng/ul	99
30) 4-Chloroaniline	10.76	127	601536	22.144	ng/ul	96
31) Hexachlorobutadiene	10.92	225	341659	23.121	ng/ul	99
32) Caprolactam	11.55	113	131410	20.676	ng/ul	89
33) 4-Chloro-3-methylphenol	11.88	107	466116	20.705	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	1096878	21.124	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	617606	23.165	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	225167	13.610	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	385573	24.080	ng/ul	100
39) 2,4,5-Trichlorophenol	12.94	196	413156	23.758	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	1417657	22.204	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	1107835	22.547	ng/ul	99
42) 2-Nitroaniline	13.53	65	275623	21.603	ng/ul	99
44) Dimethylphthalate	13.90	163	1323254	21.716	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	267910	23.439	ng/ul	96
47) Acenaphthylene	14.17	152	1637759	21.937	ng/ul	100
48) 3-Nitroaniline	14.36	138	256047	23.274	ng/ul	98
49) Acenaphthene	14.51	153	1130018	21.683	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	109947	17.946	ng/ul	92
52) 4-Nitrophenol	14.66	109	170791	19.949	ng/ul	96
53) Dibenzofuran	14.85	168	1587317	21.532	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	372242	22.527	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	339100	23.207	ng/ul	95
56) Diethylphthalate	15.27	149	1311619	21.550	ng/ul	98
58) Fluorene	15.49	166	1276754	21.573	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	690506	21.900	ng/ul	97
60) 4-Nitroaniline	15.52	138	276038	22.095	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	166800	17.453	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	1090904	22.051	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	431972	23.024	ng/ul	98
66) Hexachlorobenzene	16.49	284	482862	22.633	ng/ul	98
67) Atrazine	16.66	200	399520	21.914	ng/ul	99
68) Pentachlorophenol	16.84	266	269370	21.914	ng/ul	99
69) Phenanthrene	17.23	178	1921637	21.701	ng/ul	99
71) Anthracene	17.32	178	1969834	21.702	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	626681	24.026	ng/uL	99
73) Pentachlorobenzene	14.76	250	568878	23.157	ng/uL	98
74) Carbazole	17.60	167	1685685	21.356	ng/ul	99
75) Di-n-butylphthalate	18.15	149	2163435	21.924	ng/ul	100
76) Fluoranthene	19.24	202	2199248	21.673	ng/ul	99
79) Pyrene	19.61	202	2239716	21.971	ng/ul	97
80) Butylbenzylphthalate	20.51	149	955275	22.992	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.29	252	814979	22.265	ng/ul	99
82) Benzo(a)anthracene	21.36	228	2237918	21.723	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.28	149	1455773	20.776	ng/ul	98
84) Chrysene	21.41	228	2080089	21.760	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	2428276	21.846	ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	2270882	20.819	ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	2238961	21.475	ng/ul	99
90) Benzo(a)pyrene	23.56	252	2191598	21.119	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.97	276	2689214	21.941	ng/ul	99
92) Dibenzo(a,h)anthracene	25.98	278	2264433	21.804	ng/ul	99
93) Benzo(g,h,i)perylene	26.68	276	2201205	22.137	ng/ul	96

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

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