Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020970.D
Acq On : 17 Jun 2019 09:46
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02027

Quant Time: Jun 18 01:34:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 17 09:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	232418	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1046487	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	706896	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1724535	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1657036	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1587193	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	36249	7.41	ng/uL	0.00
5) Phenol-d5	6.96	99	400814	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	250234	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	327976	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	342907	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	167980	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	181122	19.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	388261	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	440903	22.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1292905	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1547263	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	210847	20.29	ng/ul	0.00
57) Fluorene-d10	15.43	176	1125631	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	193892	18.29	ng/ul	0.00
70) Anthracene-d10	17.28	188	1790995	19.98	ng/ul	0.00
78) Pyrene-d10	19.57	212	1973423	19.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1870180	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	38375	7.748	ng/uL	98
4) Benzaldehyde	6.95	77	179327	19.444	ng/ul	97
6) Phenol	6.99	94	384758	20.108	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	299285	20.494	ng/ul	99
10) 2-Chlorophenol	7.36	128	313445	20.235	ng/ul	98
11) 2-Methylphenol	8.23	108	294939	19.921	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	389373	20.880	ng/ul	98
14) Acetophenone	8.62	105	504913	20.775	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	268055	21.192	ng/ul	97
16) 4-Methylphenol	8.56	108	326846	20.287	ng/ul	94
17) Hexachloroethane	8.86	117	129342	20.032	ng/ul	98
20) Nitrobenzene	9.00	77	379338	19.871	ng/ul	98
21) Isophorone	9.52	82	739240	20.563	ng/ul	99
23) 2-Nitrophenol	9.70	139	184460	19.448	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	388597	20.055	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	448017	20.222	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	348874	19.980	ng/ul	98
28) Naphthalene	10.63	128	1064722	19.817	ng/ul	99
30) 4-Chloroaniline	10.75	127	418425	22.239	ng/ul	100
31) Hexachlorobutadiene	10.90	225	233092	19.592	ng/ul	99
32) Caprolactam	11.53	113	106855	21.768	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	374844	21.057	ng/ul	100
34) 2-Methylnaphthalene	12.25	142	829227	20.128	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	484439	19.196	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	262776	17.503	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	302920	19.316	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	328875	19.632	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	1128216	19.348	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	891180	19.344	ng/ul	98
42) 2-Nitroaniline	13.52	65	232035	20.724	ng/ul	98
44) Dimethylphthalate	13.89	163	1175877	20.224	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	229969	20.723	ng/ul	99
47) Acenaphthylene	14.16	152	1327383	19.829	ng/ul	98
48) 3-Nitroaniline	14.35	138	211728	21.795	ng/ul	97
49) Acenaphthene	14.50	153	959537	19.552	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	96279	17.270	ng/ul	95
52) 4-Nitrophenol	14.65	109	157683	20.519	ng/ul	97
53) Dibenzofuran	14.83	168	1387652	19.858	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	347424	21.574	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	300500	20.571	ng/ul	98
56) Diethylphthalate	15.26	149	1171478	20.883	ng/ul	99
58) Fluorene	15.48	166	1152168	20.294	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	621611	20.081	ng/ul	99
60) 4-Nitroaniline	15.51	138	227768	22.057	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	191851	18.028	ng/ul	96
64) N-Nitrosodiphenylamine	15.69	169	1008818	19.315	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	407973	19.292	ng/ul	99
66) Hexachlorobenzene	16.48	284	471879	19.469	ng/ul	99
67) Atrazine	16.64	200	378717	19.987	ng/ul	99
68) Pentachlorophenol	16.83	266	242338	19.940	ng/ul	99
69) Phenanthrene	17.22	178	1877639	19.687	ng/ul	99
71) Anthracene	17.32	178	1935060	19.910	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.22	216	486560	17.935	ng/uL	98
73) Pentachlorobenzene	14.75	250	518484	18.573	ng/uL	98
74) Carbazole	17.59	167	1665225	20.789	ng/ul	100
75) Di-n-butylphthalate	18.14	149	2003931	20.837	ng/ul	100
76) Fluoranthene	19.23	202	2272307	22.050	ng/ul	98
79) Pyrene	19.60	202	2307095	19.694	ng/ul	98
80) Butylbenzylphthalate	20.50	149	864988	19.947	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.28	252	732317	19.718	ng/ul	100
82) Benzo(a)anthracene	21.34	228	2250649	19.923	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	1263455	20.464	ng/ul	100
84) Chrysene	21.40	228	2110579	19.948	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	1988892	21.746	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	2066518	20.554	ng/ul	100
88) Benzo(k)fluoranthene	23.00	252	1973735	20.406	ng/ul	98
90) Benzo(a)pyrene	23.54	252	1887394	19.945	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.94	276	2087503	18.733	ng/ul	99
92) Dibenzo(a,h)anthracene	25.95	278	1744010	18.604	ng/ul	99
93) Benzo(g,h,i)perylene	26.65	276	1690078	18.415	ng/ul	98

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

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