Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
Data File : BM027297.D
Acq On : 01 Sep 2020 16:21
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Sep 01 16:53:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 11:00:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	102798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	419669	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	321925	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	763571	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	871568	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	782428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	20203	11.13	ng/uL	0.00
5) Phenol-d5	6.77	99	152775	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	106381	19.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	123265	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	122848	18.36	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	60448	17.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	67157	17.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	146248	18.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	166668	19.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	461322	18.06	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	557436	18.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	75125	17.44	ng/ul	0.00
58) Fluorene-d10	15.23	176	434886	19.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	76136	15.28	ng/ul	0.00
71) Anthracene-d10	17.07	188	698570	19.27	ng/ul	0.00
79) Pyrene-d10	19.37	212	812965	16.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	819029	18.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	20977	9.816	ng/uL	98
4) Benzaldehyde	6.74	77	118046	20.104	ng/ul	93
6) Phenol	6.80	94	171371	19.663	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.02	93	131736	18.800	ng/ul	95
10) 2-Chlorophenol	7.16	128	133133	20.304	ng/ul	97
11) 2-Methylphenol	8.03	108	121105	18.687	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.12	45	98807	18.212	ng/ul	99
14) Acetophenone	8.40	105	225497	21.032	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.40	70	129353	20.038	ng/ul	94
16) 4-Methylphenol	8.36	108	134882	19.410	ng/ul	97
17) Hexachloroethane	8.66	117	66891	21.643	ng/ul	94
20) Nitrobenzene	8.77	77	205771	20.460	ng/ul	98
21) Isophorone	9.30	82	319295	17.616	ng/ul	99
23) 2-Nitrophenol	9.48	139	75684	18.359	ng/ul#	86
24) 2,4-Dimethylphenol	9.55	107	176227	20.318	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	183100	17.630	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	150222	19.556	ng/ul	99
28) Naphthalene	10.41	128	435971	19.506	ng/ul	100
30) 4-Chloroaniline	10.52	127	178352	20.886	ng/ul	99
31) Hexachlorobutadiene	10.70	225	122552	21.230	ng/ul	95
32) Caprolactam	11.29	113	36547	15.872	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	152461	18.982	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	333777	19.660	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	313820	18.938	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	215030	18.681	ng/ul	98
38) Hexachlorocyclopentadiene	12.39	237	131883	16.940	ng/ul	98
39) 2,4,6-Trichlorophenol	12.65	196	131153	17.898	ng/ul	95
40) 2,4,5-Trichlorophenol	12.72	196	143769	18.461	ng/ul	98
41) 1,1'-Biphenyl	13.06	154	467165	18.491	ng/ul	98
42) 2-Chloronaphthalene	13.09	162	381763	18.784	ng/ul	97
43) 2-Nitroaniline	13.30	65	117964	19.259	ng/ul	97
45) Dimethylphthalate	13.69	163	485595	18.317	ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	95893	17.553	ng/ul#	83
48) Acenaphthylene	13.95	152	565109	18.718	ng/ul	98
49) 3-Nitroaniline	14.13	138	88528	19.007	ng/ul	91
50) Acenaphthene	14.29	153	406013	19.195	ng/ul	99
51) 2,4-Dinitrophenol	14.35	184	46421	14.797	ng/ul	89
53) 4-Nitrophenol	14.45	109	91859	22.491	ng/ul	90
54) Dibenzofuran	14.63	168	609812	20.083	ng/ul	95
55) 2,4-Dinitrotoluene	14.60	165	146646	18.853	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.86	232	135016	19.361	ng/ul	96
57) Diethylphthalate	15.07	149	520484	19.695	ng/ul	97
59) Fluorene	15.28	166	511776	19.875	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.29	204	278429	19.789	ng/ul	98
61) 4-Nitroaniline	15.30	138	99005	19.215	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.37	198	80439	14.877	ng/ul	94
65) N-Nitrosodiphenylamine	15.50	169	442274	19.235	ng/ul	99
66) 4-Bromophenyl-phenylether	16.17	248	175675	18.351	ng/ul	95
67) Hexachlorobenzene	16.29	284	205809	18.833	ng/ul	99
68) Atrazine	16.46	200	165961	17.587	ng/ul	99
69) Pentachlorophenol	16.63	266	109917	17.128	ng/ul	97
70) Phenanthrene	17.02	178	840609	19.288	ng/ul	99
72) Anthracene	17.11	178	863173	19.443	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	215649	18.187	ng/uL	99
74) Pentachlorobenzene	14.56	250	224623	18.343	ng/uL	99
75) Carbazole	17.38	167	751469	20.534	ng/ul	97
76) Di-n-butylphthalate	17.96	149	904317	19.310	ng/ul	99
77) Fluoranthene	19.04	202	1039894	19.917	ng/ul	99
80) Pyrene	19.40	202	1088928	16.197	ng/ul	99
81) Butylbenzylphthalate	20.33	149	426922	16.799	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.10	252	350610	17.268	ng/ul	99
83) Benzo(a)anthracene	21.16	228	1115262	19.297	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	659825	18.356	ng/ul	99
85) Chrysene	21.22	228	1069182	19.323	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	1112952	18.258	ng/ul	100
88) Benzo(b)fluoranthene	22.71	252	1069608	19.176	ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	1045762	19.456	ng/ul	99
91) Benzo(a)pyrene	23.26	252	897385	18.332	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.53	276	1026414	18.201	ng/ul	99
93) Dibenzo(a,h)anthracene	25.54	278	873465	18.256	ng/ul	98
94) Benzo(g,h,i)perylene	26.19	276	840499	18.228	ng/ul	99

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

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