Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028225.D
Acq On : 22 Dec 2020 01:19
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: Dec 22 01:54:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 00:19:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	193935	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	812912	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	474685	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	938994	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	762357	20.00	ng/ul	0.00
86) Perylene-d12	24.02	264	701603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	33523	6.87	ng/uL	0.00
5) Phenol-d5	7.34	99	313264	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	193372	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	262830	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	256189	19.22	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	125765	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	136715	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	255835	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	297789	19.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	690281	18.88	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	883706	19.26	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	130799	19.67	ng/ul	0.00
58) Fluorene-d10	15.81	176	609155	18.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	110131	19.70	ng/ul	0.00
71) Anthracene-d10	17.64	188	875545	18.79	ng/ul	0.00
79) Pyrene-d10	19.90	212	859893	20.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	727106	18.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	33728	6.700	ng/uL	92
4) Benzaldehyde	7.32	77	145981	18.764	ng/ul	98
6) Phenol	7.36	94	312671	19.147	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.61	93	254015	18.744	ng/ul	93
10) 2-Chlorophenol	7.76	128	268823	19.118	ng/ul	99
11) 2-Methylphenol	8.64	108	239681	19.247	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.73	45	415924	17.996	ng/ul	99
14) Acetophenone	9.03	105	376893	18.849	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.02	70	189218	18.812	ng/ul	94
16) 4-Methylphenol	8.97	108	259620	19.411	ng/ul	100
17) Hexachloroethane	9.30	117	112048	18.750	ng/ul	97
20) Nitrobenzene	9.42	77	296702	18.813	ng/ul	98
21) Isophorone	9.95	82	529230	19.304	ng/ul	97
23) 2-Nitrophenol	10.13	139	146538	20.491	ng/ul	98
24) 2,4-Dimethylphenol	10.18	107	284077	18.726	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.42	93	338778	18.200	ng/ul	99
27) 2,4-Dichlorophenol	10.67	162	247037	19.329	ng/ul	98
28) Naphthalene	11.08	128	858909	18.632	ng/ul	99
30) 4-Chloroaniline	11.18	127	285712	19.033	ng/ul	99
31) Hexachlorobutadiene	11.36	225	156219	18.472	ng/ul	97
32) Caprolactam	11.96	113	73931	20.143	ng/ul	93
33) 4-Chloro-3-methylphenol	12.29	107	254739	18.963	ng/ul	99
34) 2-Methylnaphthalene	12.67	142	585212	18.642	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	686248	18.678	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	292738	18.816	ng/ul	99
38) Hexachlorocyclopentadiene	13.02	237	162314	17.221	ng/ul	99
39) 2,4,6-Trichlorophenol	13.27	196	190409	20.112	ng/ul	98
40) 2,4,5-Trichlorophenol	13.34	196	201909	19.702	ng/ul	98
41) 1,1'-Biphenyl	13.67	154	749011	18.724	ng/ul	100
42) 2-Chloronaphthalene	13.72	162	584309	18.665	ng/ul	99
43) 2-Nitroaniline	13.91	65	164398	19.628	ng/ul	95
45) Dimethylphthalate	14.27	163	698184	18.684	ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	147037	20.697	ng/ul	96
48) Acenaphthylene	14.56	152	882728	18.981	ng/ul	100
49) 3-Nitroaniline	14.72	138	122561	19.171	ng/ul	94
50) Acenaphthene	14.89	153	622415	18.647	ng/ul	99
51) 2,4-Dinitrophenol	14.93	184	77189	19.425	ng/ul	99
53) 4-Nitrophenol	15.02	109	95466	18.449	ng/ul	97
54) Dibenzofuran	15.22	168	841695	18.424	ng/ul	98
55) 2,4-Dinitrotoluene	15.18	165	204173	19.959	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.44	232	171558	20.154	ng/ul	100
57) Diethylphthalate	15.62	149	709384	18.666	ng/ul	97
59) Fluorene	15.86	166	703152	18.433	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.85	204	342085	18.405	ng/ul	99
61) 4-Nitroaniline	15.87	138	112043	17.061	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.93	198	116709	19.357	ng/ul	99
65) N-Nitrosodiphenylamine	16.06	169	586265	19.193	ng/ul	100
66) 4-Bromophenyl-phenylether	16.74	248	205655	19.133	ng/ul	97
67) Hexachlorobenzene	16.86	284	235592	19.165	ng/ul	97
68) Atrazine	17.00	200	198321	19.342	ng/ul	100
69) Pentachlorophenol	17.20	266	134944	19.455	ng/ul	95
70) Phenanthrene	17.59	178	1050887	18.486	ng/ul	100
72) Anthracene	17.68	178	1082573	18.714	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	286493	19.279	ng/uL	97
74) Pentachlorobenzene	15.14	250	277911	19.227	ng/uL	98
75) Carbazole	17.94	167	911743	18.894	ng/ul	100
76) Di-n-butylphthalate	18.48	149	1163641	19.590	ng/ul	99
77) Fluoranthene	19.57	202	1123326	18.723	ng/ul	99
80) Pyrene	19.93	202	1143416	19.902	ng/ul	99
81) Butylbenzylphthalate	20.79	149	474978	22.026	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.57	252	253278	17.346	ng/ul	100
83) Benzo(a)anthracene	21.64	228	953160	18.653	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	675741	22.081	ng/ul#	96
85) Chrysene	21.70	228	929008	18.499	ng/ul	99
87) Di-n-octyl phthalate	22.46	149	1076838	21.317	ng/ul	100
88) Benzo(b)fluoranthene	23.30	252	874715	18.439	ng/ul	99
89) Benzo(k)fluoranthene	23.35	252	868439	18.458	ng/ul	99
91) Benzo(a)pyrene	23.92	252	791958	18.523	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.46	276	935008	19.148	ng/ul	100
93) Dibenzo(a,h)anthracene	26.46	278	794441	19.194	ng/ul	99
94) Benzo(g,h,i)perylene	27.20	276	790632	19.279	ng/ul	99

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

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