Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
Data File : BM026049.D
Acq On : 21 May 2020 09:44
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02069

Quant Time: May 21 10:19:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	147771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	609456	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	363385	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	771512	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	834424	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	856571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	33675	6.87	ng/uL	0.00
5) Phenol-d5	6.69	99	278731	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	191968	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	205138	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	211350	20.92	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	98796	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	100963	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	196344	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	253701	25.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	553828	19.01	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	677997	19.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	100848	19.54	ng/ul	0.00
58) Fluorene-d10	15.14	176	488677	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	84144	18.71	ng/ul	0.00
71) Anthracene-d10	16.99	188	738113	19.41	ng/ul	0.00
79) Pyrene-d10	19.29	212	835340	19.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	903981	19.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	37283	7.325	ng/uL	95
4) Benzaldehyde	6.65	77	194789	22.330	ng/ul	97
6) Phenol	6.72	94	309076	20.568	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	235060	20.330	ng/ul	98
10) 2-Chlorophenol	7.07	128	221028	19.326	ng/ul	99
11) 2-Methylphenol	7.95	108	213840	20.653	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	436724	20.809	ng/ul	97
14) Acetophenone	8.31	105	349584	20.626	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	198198	19.845	ng/ul	96
16) 4-Methylphenol	8.27	108	234963	20.867	ng/ul	100
17) Hexachloroethane	8.56	117	94756	19.313	ng/ul	99
20) Nitrobenzene	8.68	77	296250	19.414	ng/ul	99
21) Isophorone	9.21	82	496861	19.576	ng/ul	99
23) 2-Nitrophenol	9.39	139	115958	20.297	ng/ul	92
24) 2,4-Dimethylphenol	9.46	107	265172	19.429	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	303715	18.973	ng/ul	100
27) 2,4-Dichlorophenol	9.92	162	204374	19.969	ng/ul	99
28) Naphthalene	10.31	128	709133	19.030	ng/ul	99
30) 4-Chloroaniline	10.42	127	265267	25.371	ng/ul	96
31) Hexachlorobutadiene	10.60	225	132297	19.265	ng/ul	97
32) Caprolactam	11.19	113	57201	20.095	ng/ul	96
33) 4-Chloro-3-methylphenol	11.56	107	236902	19.986	ng/ul	96
34) 2-Methylnaphthalene	11.93	142	487268	19.441	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	453180	19.489	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	247980	19.039	ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	143546	19.118	ng/ul	100
39) 2,4,6-Trichlorophenol	12.56	196	152550	20.132	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	165566	19.801	ng/ul	98
41) 1,1'-Biphenyl	12.97	154	609385	18.899	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	472846	19.003	ng/ul	99
43) 2-Nitroaniline	13.22	65	168893	20.139	ng/ul	96
45) Dimethylphthalate	13.61	163	585456	19.136	ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	114543	20.404	ng/ul	98
48) Acenaphthylene	13.86	152	737353	19.454	ng/ul	99
49) 3-Nitroaniline	14.05	138	117667	23.549	ng/ul	96
50) Acenaphthene	14.20	153	507581	18.989	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	50851	16.479	ng/ul	95
53) 4-Nitrophenol	14.37	109	91606	19.949	ng/ul	97
54) Dibenzofuran	14.54	168	721761	19.213	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	168380	20.239	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.78	232	140129	19.928	ng/ul	99
57) Diethylphthalate	14.99	149	579487	19.155	ng/ul	99
59) Fluorene	15.20	166	588122	19.354	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	291310	19.210	ng/ul	99
61) 4-Nitroaniline	15.22	138	130487	20.904	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.29	198	88457	18.678	ng/ul	94
65) N-Nitrosodiphenylamine	15.42	169	496848	19.215	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	174709	19.445	ng/ul	98
67) Hexachlorobenzene	16.20	284	194436	19.247	ng/ul	99
68) Atrazine	16.38	200	173547	20.495	ng/ul	98
69) Pentachlorophenol	16.55	266	105045	18.881	ng/ul	97
70) Phenanthrene	16.93	178	929873	19.134	ng/ul	100
72) Anthracene	17.02	178	949991	19.484	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	248532	19.286	ng/uL	99
74) Pentachlorobenzene	14.47	250	234091	19.148	ng/uL	100
75) Carbazole	17.30	167	839723	20.818	ng/ul	99
76) Di-n-butylphthalate	17.88	149	961306	19.899	ng/ul	99
77) Fluoranthene	18.96	202	1077741	21.142	ng/ul	100
80) Pyrene	19.32	202	1138322	19.432	ng/ul	99
81) Butylbenzylphthalate	20.24	149	423747	20.437	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.02	252	338386	22.145	ng/ul	98
83) Benzo(a)anthracene	21.07	228	1112892	19.350	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	650979	20.254	ng/ul	98
85) Chrysene	21.13	228	1085521	18.989	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	1092224	20.289	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1102130	19.022	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1144747	19.781	ng/ul	100
91) Benzo(a)pyrene	23.12	252	997214	19.558	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.30	276	1272720	19.233	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	1077433	19.227	ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1055015	19.101	ng/ul	99

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

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