Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052620\
Data File : BM026107.D
Acq On : 26 May 2020 10:20
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02076

Quant Time: May 26 11:17:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	158409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	650858	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	386282	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	806310	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	819624	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	838813	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	30152	5.74	ng/uL	0.00
5) Phenol-d5	6.69	99	269423	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	179597	18.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	200712	17.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	205158	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	96079	18.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	103156	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	197063	18.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	247835	23.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	542795	17.52	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	661891	18.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	89758	16.36	ng/ul	0.00
58) Fluorene-d10	15.13	176	471028	17.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	76254	16.22	ng/ul	0.00
71) Anthracene-d10	16.98	188	708904	17.84	ng/ul	0.00
79) Pyrene-d10	19.28	212	770737	18.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	806804	18.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	32487	5.95	ng/uL	91
4) Benzaldehyde	6.65	77	184903	19.77	ng/ul	94
6) Phenol	6.72	94	297314	18.46	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	226158	18.25	ng/ul	97
10) 2-Chlorophenol	7.06	128	215097	17.54	ng/ul	96
11) 2-Methylphenol	7.95	108	209125	18.84	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.02	45	397373	17.66	ng/ul	98
14) Acetophenone	8.30	105	342038	18.83	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	188439	17.60	ng/ul	96
16) 4-Methylphenol	8.27	108	227086	18.81	ng/ul	97
17) Hexachloroethane	8.55	117	89637	17.04	ng/ul	94
20) Nitrobenzene	8.67	77	275603	16.91	ng/ul	97
21) Isophorone	9.20	82	475770	17.55	ng/ul	99
23) 2-Nitrophenol	9.38	139	115154	18.87	ng/ul	93
24) 2,4-Dimethylphenol	9.46	107	255487	17.53	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	295044	17.26	ng/ul	98
27) 2,4-Dichlorophenol	9.91	162	200039	18.30	ng/ul	99
28) Naphthalene	10.30	128	694857	17.46	ng/ul	99
30) 4-Chloroaniline	10.42	127	256470	22.97	ng/ul	99
31) Hexachlorobutadiene	10.60	225	128714	17.55	ng/ul	96
32) Caprolactam	11.19	113	61033	20.08	ng/ul	94
33) 4-Chloro-3-methylphenol	11.56	107	229765	18.15	ng/ul	96
34) 2-Methylnaphthalene	11.92	142	474548	17.73	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	437373	17.61	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	246411	17.80	ng/ul	99
38) Hexachlorocyclopentadiene	12.29	237	121630	15.24	ng/ul	98
39) 2,4,6-Trichlorophenol	12.55	196	154006	19.12	ng/ul	97
40) 2,4,5-Trichlorophenol	12.63	196	163096	18.35	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	597913	17.44	ng/ul	99
42) 2-Chloronaphthalene	12.99	162	462241	17.48	ng/ul	99
43) 2-Nitroaniline	13.21	65	158859	17.82	ng/ul	96
45) Dimethylphthalate	13.60	163	562875	17.31	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	112369	18.83	ng/ul	100
48) Acenaphthylene	13.85	152	710701	17.64	ng/ul	100
49) 3-Nitroaniline	14.04	138	113695	21.41	ng/ul	94
50) Acenaphthene	14.20	153	490934	17.28	ng/ul	97
51) 2,4-Dinitrophenol	14.26	184	41995	12.80	ng/ul	96
53) 4-Nitrophenol	14.37	109	79630	16.31	ng/ul	97
54) Dibenzofuran	14.54	168	691752	17.32	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	161847	18.30	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.77	232	139648	18.68	ng/ul	98
57) Diethylphthalate	14.99	149	557636	17.34	ng/ul	99
59) Fluorene	15.19	166	561984	17.40	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.19	204	284229	17.63	ng/ul	98
61) 4-Nitroaniline	15.22	138	126605	19.08	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.28	198	82041	16.58	ng/ul	90
65) N-Nitrosodiphenylamine	15.41	169	480907	17.80	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	169898	18.09	ng/ul	96
67) Hexachlorobenzene	16.20	284	190769	18.07	ng/ul	97
68) Atrazine	16.37	200	166364	18.80	ng/ul	100
69) Pentachlorophenol	16.54	266	91769	15.78	ng/ul	98
70) Phenanthrene	16.93	178	877791	17.28	ng/ul	100
72) Anthracene	17.02	178	895495	17.57	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	241703	17.95	ng/uL	98
74) Pentachlorobenzene	14.46	250	230787	18.06	ng/uL	99
75) Carbazole	17.29	167	803063	19.05	ng/ul	99
76) Di-n-butylphthalate	17.87	149	935937	18.54	ng/ul	99
77) Fluoranthene	18.94	202	1010909	18.97	ng/ul	98
80) Pyrene	19.31	202	1036985	18.02	ng/ul	99
81) Butylbenzylphthalate	20.24	149	417042	20.48	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.01	252	313617	20.89	ng/ul	99
83) Benzo(a)anthracene	21.07	228	1009798	17.87	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	613280	19.43	ng/ul	99
85) Chrysene	21.12	228	983302	17.51	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	1036563	19.66	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	984459	17.35	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	1002136	17.68	ng/ul	98
91) Benzo(a)pyrene	23.11	252	881076	17.65	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	1070695	16.52	ng/ul	97
93) Dibenzo(a,h)anthracene	25.30	278	907240	16.53	ng/ul	99
94) Benzo(g,h,i)perylene	25.92	276	831397	15.37	ng/ul	98

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

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