Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060420\
Data File : BM026249.D
Acq On : 04 Jun 2020 09:22
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02094

Quant Time: Jun 04 10:03:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 04 10:01:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	119811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	485711	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	286260	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	610481	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	663146	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	688615	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	26901	6.77	ng/uL	0.00
5) Phenol-d5	6.66	99	216985	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	149160	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	162558	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	163666	19.98	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	77520	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	81470	20.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	156112	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	203284	25.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	443958	19.34	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	537584	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	77682	19.11	ng/ul	0.00
58) Fluorene-d10	15.11	176	384155	19.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	68105	19.13	ng/ul	0.00
71) Anthracene-d10	16.96	188	581284	19.32	ng/ul	0.00
79) Pyrene-d10	19.26	212	656889	19.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	730041	19.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	30622	7.420	ng/uL	89
4) Benzaldehyde	6.62	77	144648	20.452	ng/ul	97
6) Phenol	6.69	94	237973	19.532	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.90	93	183267	19.549	ng/ul	98
10) 2-Chlorophenol	7.03	128	176423	19.026	ng/ul	97
11) 2-Methylphenol	7.92	108	168215	20.038	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.00	45	336473	19.774	ng/ul	98
14) Acetophenone	8.28	105	277411	20.187	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.27	70	154971	19.138	ng/ul	98
16) 4-Methylphenol	8.25	108	182861	20.030	ng/ul	99
17) Hexachloroethane	8.52	117	74280	18.673	ng/ul	90
20) Nitrobenzene	8.65	77	225538	18.545	ng/ul	98
21) Isophorone	9.17	82	383088	18.939	ng/ul	99
23) 2-Nitrophenol	9.35	139	93786	20.599	ng/ul	96
24) 2,4-Dimethylphenol	9.43	107	207105	19.041	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	234694	18.396	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	161909	19.850	ng/ul	100
28) Naphthalene	10.27	128	551718	18.578	ng/ul	100
30) 4-Chloroaniline	10.39	127	210401	25.251	ng/ul	98
31) Hexachlorobutadiene	10.57	225	106708	19.498	ng/ul	97
32) Caprolactam	11.17	113	44351	19.550	ng/ul	93
33) 4-Chloro-3-methylphenol	11.53	107	181105	19.171	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	384838	19.266	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	355192	19.167 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	199527	19.447 ng/ul	99
38) Hexachlorocyclopentadiene	12.26	237	111266	18.811 ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	122260	20.482 ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	133749	20.305 ng/ul	97
41) 1,1'-Biphenyl	12.93	154	483074	19.018 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	374178	19.090 ng/ul	99
43) 2-Nitroaniline	13.19	65	130330	19.728 ng/ul	98
45) Dimethylphthalate	13.58	163	461585	19.152 ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	91762	20.750 ng/ul	98
48) Acenaphthylene	13.83	152	579992	19.425 ng/ul	100
49) 3-Nitroaniline	14.03	138	90842	23.078 ng/ul	96
50) Acenaphthene	14.17	153	401297	19.057 ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	40451	16.640 ng/ul	99
53) 4-Nitrophenol	14.35	109	68788	19.015 ng/ul	97
54) Dibenzofuran	14.52	168	567980	19.193 ng/ul	100
55) 2,4-Dinitrotoluene	14.49	165	133293	20.338 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.75	232	109970	19.852 ng/ul#	99
57) Diethylphthalate	14.96	149	460546	19.325 ng/ul	99
59) Fluorene	15.17	166	464931	19.422 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	231491	19.378 ng/ul	100
61) 4-Nitroaniline	15.19	138	98476	20.027 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.26	198	71729	19.141 ng/ul	93
65) N-Nitrosodiphenylamine	15.39	169	393411	19.228 ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	140156	19.714 ng/ul	99
67) Hexachlorobenzene	16.17	284	156720	19.606 ng/ul	100
68) Atrazine	16.35	200	137304	20.492 ng/ul	98
69) Pentachlorophenol	16.52	266	68541	15.569 ng/ul	97
70) Phenanthrene	16.90	178	720824	18.745 ng/ul	99
72) Anthracene	16.99	178	745611	19.326 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	195912	19.213 ng/uL	98
74) Pentachlorobenzene	14.44	250	187153	19.346 ng/uL	99
75) Carbazole	17.27	167	665714	20.857 ng/ul	100
76) Di-n-butylphthalate	17.86	149	757705	19.822 ng/ul	99
77) Fluoranthene	18.93	202	846282	20.980 ng/ul	99
80) Pyrene	19.29	202	888971	19.095 ng/ul	98
81) Butylbenzylphthalate	20.22	149	341609	20.730 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.99	252	285558	23.515 ng/ul	100
83) Benzo(a)anthracene	21.05	228	888953	19.448 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	521458	20.414 ng/ul	99
85) Chrysene	21.10	228	873361	19.223 ng/ul	99
87) Di-n-octyl phthalate	21.86	149	876698	20.257 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	943662	20.260 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	870148	18.703 ng/ul	98
91) Benzo(a)pyrene	23.09	252	806642	19.679 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.25	276	1024317	19.254 ng/ul	96
93) Dibenzo(a,h)anthracene	25.26	278	872061	19.358 ng/ul	99
94) Benzo(g,h,i)perylene	25.88	276	845413	19.039 ng/ul	97

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

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