Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026016.D
Acq On : 19 May 2020 09:25
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: May 19 10:06:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 19 10:05:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	137954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	573360	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	342524	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	723949	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	761726	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	784553	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	33634	7.35	ng/uL	0.00
5) Phenol-d5	6.69	99	259569	20.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	182237	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	193277	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	196671	20.85	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	90779	19.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	92303	19.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	182562	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	235678	25.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	524719	19.10	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	636629	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	96955	19.93	ng/ul	0.00
58) Fluorene-d10	15.14	176	464163	19.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	80535	19.08	ng/ul	0.00
71) Anthracene-d10	16.99	188	691517	19.38	ng/ul	0.00
79) Pyrene-d10	19.29	212	760091	19.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	820194	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	36793	7.74	ng/uL	90
4) Benzaldehyde	6.65	77	185741	22.81	ng/ul	98
6) Phenol	6.72	94	287674	20.51	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	222885	20.65	ng/ul	97
10) 2-Chlorophenol	7.07	128	209752	19.65	ng/ul	98
11) 2-Methylphenol	7.95	108	201500	20.85	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.04	45	429127	21.90	ng/ul	98
14) Acetophenone	8.32	105	331860	20.97	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.31	70	188871	20.26	ng/ul	100
16) 4-Methylphenol	8.27	108	219667	20.90	ng/ul	98
17) Hexachloroethane	8.56	117	87894	19.19	ng/ul	99
20) Nitrobenzene	8.69	77	280355	19.53	ng/ul	98
21) Isophorone	9.21	82	470603	19.71	ng/ul	100
23) 2-Nitrophenol	9.39	139	106854	19.88	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	248653	19.37	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.70	93	292591	19.43	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	190546	19.79	ng/ul	98
28) Naphthalene	10.32	128	671441	19.15	ng/ul	99
30) 4-Chloroaniline	10.43	127	248330	25.25	ng/ul	99
31) Hexachlorobutadiene	10.61	225	125658	19.45	ng/ul	97
32) Caprolactam	11.19	113	52545	19.62	ng/ul	84
33) 4-Chloro-3-methylphenol	11.56	107	221934	19.90	ng/ul	98
34) 2-Methylnaphthalene	11.93	142	462328	19.61	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	426171	19.48	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	234581	19.11	ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	136439	19.28	ng/ul	97
39) 2,4,6-Trichlorophenol	12.56	196	140847	19.72	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	157639	20.00	ng/ul	97
41) 1,1'-Biphenyl	12.97	154	585995	19.28	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	448645	19.13	ng/ul	98
43) 2-Nitroaniline	13.22	65	159810	20.22	ng/ul	99
45) Dimethylphthalate	13.62	163	551457	19.12	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	106439	20.12	ng/ul	98
48) Acenaphthylene	13.86	152	694170	19.43	ng/ul	99
49) 3-Nitroaniline	14.05	138	105995	22.50	ng/ul	96
50) Acenaphthene	14.21	153	476995	18.93	ng/ul	98
51) 2,4-Dinitrophenol	14.27	184	49936	17.17	ng/ul	97
53) 4-Nitrophenol	14.37	109	87859	20.30	ng/ul	97
54) Dibenzofuran	14.54	168	681959	19.26	ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	159420	20.33	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.78	232	130269	19.65	ng/ul	94
57) Diethylphthalate	15.00	149	553903	19.42	ng/ul	99
59) Fluorene	15.20	166	555647	19.40	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	275074	19.24	ng/ul	98
61) 4-Nitroaniline	15.22	138	121274	20.61	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	88185	19.84	ng/ul	100
65) N-Nitrosodiphenylamine	15.42	169	471625	19.44	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	165584	19.64	ng/ul	97
67) Hexachlorobenzene	16.21	284	185264	19.54	ng/ul	98
68) Atrazine	16.38	200	160035	20.14	ng/ul	98
69) Pentachlorophenol	16.55	266	99497	19.06	ng/ul	98
70) Phenanthrene	16.94	178	872333	19.13	ng/ul	100
72) Anthracene	17.03	178	887672	19.40	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	232306	19.21	ng/uL	99
74) Pentachlorobenzene	14.47	250	219775	19.16	ng/uL	98
75) Carbazole	17.30	167	787056	20.79	ng/ul	100
76) Di-n-butylphthalate	17.89	149	893922	19.72	ng/ul	99
77) Fluoranthene	18.96	202	992617	20.75	ng/ul	98
80) Pyrene	19.32	202	1046908	19.58	ng/ul	99
81) Butylbenzylphthalate	20.25	149	374880	19.81	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	291745	20.91	ng/ul	99
83) Benzo(a)anthracene	21.08	228	1013255	19.30	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	586341	19.98	ng/ul	99
85) Chrysene	21.13	228	992633	19.02	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	957048	19.41	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1012265	19.08	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1039127	19.60	ng/ul	99
91) Benzo(a)pyrene	23.13	252	917421	19.64	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.30	276	1178961	19.45	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	986006	19.21	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	974437	19.26	ng/ul	99

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

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