Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026150.D
Acq On : 27 May 2020 18:00
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02080

Quant Time: May 27 18:31:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 27 10:30:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	154371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	637072	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	374730	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	810757	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	865191	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	891503	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	31876	6.23	ng/uL	0.00
5) Phenol-d5	6.68	99	258659	18.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	175021	18.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	193808	17.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	196497	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	92817	17.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	95302	18.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	186234	18.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	238967	22.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	522960	17.40	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	643475	18.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	91414	17.18	ng/ul	0.00
58) Fluorene-d10	15.13	176	456365	17.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	76707	16.23	ng/ul	0.00
71) Anthracene-d10	16.97	188	701711	17.56	ng/ul	0.00
79) Pyrene-d10	19.27	212	774505	17.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	849003	17.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	34040	6.402	ng/uL	90
4) Benzaldehyde	6.64	77	176512	19.370	ng/ul	95
6) Phenol	6.70	94	283726	18.074	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	219951	18.210	ng/ul	99
10) 2-Chlorophenol	7.06	128	211481	17.701	ng/ul	96
11) 2-Methylphenol	7.93	108	199530	18.447	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	390801	17.825	ng/ul	98
14) Acetophenone	8.30	105	328352	18.545	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	183183	17.557	ng/ul	96
16) 4-Methylphenol	8.26	108	217711	18.508	ng/ul	98
17) Hexachloroethane	8.55	117	87426	17.057	ng/ul	96
20) Nitrobenzene	8.67	77	269746	16.911	ng/ul	98
21) Isophorone	9.20	82	454938	17.148	ng/ul	98
23) 2-Nitrophenol	9.37	139	111366	18.649	ng/ul	93
24) 2,4-Dimethylphenol	9.45	107	245440	17.204	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.68	93	283221	16.925	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	192201	17.965	ng/ul	99
28) Naphthalene	10.29	128	666839	17.120	ng/ul	99
30) 4-Chloroaniline	10.41	127	247973	22.689	ng/ul	98
31) Hexachlorobutadiene	10.59	225	125661	17.506	ng/ul	98
32) Caprolactam	11.19	113	56329	18.931	ng/ul	96
33) 4-Chloro-3-methylphenol	11.55	107	218607	17.643	ng/ul	97
34) 2-Methylnaphthalene	11.92	142	454659	17.354	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	425226	17.494 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	237572	17.688 ng/ul	99
38) Hexachlorocyclopentadiene	12.28	237	117710	15.202 ng/ul	97
39) 2,4,6-Trichlorophenol	12.55	196	145163	18.578 ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	159596	18.509 ng/ul	96
41) 1,1'-Biphenyl	12.95	154	577576	17.370 ng/ul	98
42) 2-Chloronaphthalene	12.99	162	446188	17.389 ng/ul	97
43) 2-Nitroaniline	13.20	65	157139	18.170 ng/ul	97
45) Dimethylphthalate	13.60	163	546064	17.308 ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	109080	18.843 ng/ul	95
48) Acenaphthylene	13.85	152	691927	17.703 ng/ul	100
49) 3-Nitroaniline	14.04	138	111868	21.710 ng/ul	92
50) Acenaphthene	14.19	153	477807	17.334 ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	48404	15.211 ng/ul	96
53) 4-Nitrophenol	14.37	109	82076	17.332 ng/ul	94
54) Dibenzofuran	14.53	168	676384	17.460 ng/ul	98
55) 2,4-Dinitrotoluene	14.51	165	160433	18.700 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.77	232	135002	18.617 ng/ul	99
57) Diethylphthalate	14.98	149	546505	17.518 ng/ul	99
59) Fluorene	15.18	166	552383	17.627 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.19	204	277408	17.739 ng/ul	99
61) 4-Nitroaniline	15.21	138	125983	19.572 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.27	198	81594	16.395 ng/ul	95
65) N-Nitrosodiphenylamine	15.40	169	470221	17.305 ng/ul	99
66) 4-Bromophenyl-phenylether	16.08	248	167571	17.748 ng/ul	98
67) Hexachlorobenzene	16.19	284	187604	17.672 ng/ul	98
68) Atrazine	16.37	200	161680	18.169 ng/ul	99
69) Pentachlorophenol	16.54	266	98026	16.766 ng/ul	98
70) Phenanthrene	16.92	178	870302	17.041 ng/ul	100
72) Anthracene	17.01	178	894852	17.465 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	236795	17.486 ng/uL	99
74) Pentachlorobenzene	14.46	250	220562	17.168 ng/uL	99
75) Carbazole	17.29	167	786673	18.559 ng/ul	99
76) Di-n-butylphthalate	17.87	149	899948	17.727 ng/ul	99
77) Fluoranthene	18.94	202	1004563	18.752 ng/ul	100
80) Pyrene	19.30	202	1052954	17.336 ng/ul	98
81) Butylbenzylphthalate	20.23	149	404395	18.810 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	320428	20.224 ng/ul	100
83) Benzo(a)anthracene	21.06	228	1046930	17.556 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	597551	17.930 ng/ul	97
85) Chrysene	21.12	228	1011313	17.061 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	1023862	18.273 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1074772	17.823 ng/ul	98
89) Benzo(k)fluoranthene	22.61	252	1018691	16.913 ng/ul	98
91) Benzo(a)pyrene	23.10	252	925090	17.432 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.27	276	1179254	17.122 ng/ul	97
93) Dibenzo(a,h)anthracene	25.29	278	1002799	17.194 ng/ul	100
94) Benzo(g,h,i)perylene	25.90	276	948199	16.494 ng/ul	98

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

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