Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026105.D
Acq On : 23 May 2020 07:19
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02075

Quant Time: May 23 08:19:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	194968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	801818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	478864	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1011937	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1024507	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1078470	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	37958	5.87	ng/uL	0.00
5) Phenol-d5	6.69	99	331945	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	214349	17.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	253969	18.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	258580	19.40	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	120155	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	133572	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	244147	18.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	312427	23.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	685181	17.84	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	831210	18.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	126086	18.54	ng/ul	0.01
58) Fluorene-d10	15.13	176	589526	17.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	105792	17.93	ng/ul	0.00
71) Anthracene-d10	16.98	188	893177	17.91	ng/ul	0.00
79) Pyrene-d10	19.29	212	981555	18.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1022432	17.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	39810	5.928	ng/uL	88
4) Benzaldehyde	6.65	77	223522	19.421	ng/ul	91
6) Phenol	6.72	94	363480	18.333	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.93	93	273613	17.936	ng/ul	96
10) 2-Chlorophenol	7.06	128	268606	17.801	ng/ul	94
11) 2-Methylphenol	7.95	108	261820	19.166	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.03	45	464032	16.758	ng/ul	98
14) Acetophenone	8.31	105	424980	19.005	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.30	70	232738	17.662	ng/ul	94
16) 4-Methylphenol	8.27	108	281889	18.974	ng/ul	97
17) Hexachloroethane	8.55	117	111732	17.260	ng/ul	94
20) Nitrobenzene	8.67	77	330832	16.479	ng/ul	94
21) Isophorone	9.20	82	604862	18.114	ng/ul	98
23) 2-Nitrophenol	9.38	139	149048	19.831	ng/ul	88
24) 2,4-Dimethylphenol	9.46	107	312274	17.391	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.69	93	362115	17.194	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	248986	18.491	ng/ul	98
28) Naphthalene	10.30	128	859890	17.540	ng/ul	100
30) 4-Chloroaniline	10.42	127	324444	23.587	ng/ul	100
31) Hexachlorobutadiene	10.60	225	160561	17.772	ng/ul	98
32) Caprolactam	11.20	113	80675	21.542	ng/ul	93
33) 4-Chloro-3-methylphenol	11.56	107	288413	18.494	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	584322	17.721	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	542142	17.721 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	303477	17.681 ng/ul	99
38) Hexachlorocyclopentadiene	12.29	237	164457	16.621 ng/ul	96
39) 2,4,6-Trichlorophenol	12.56	196	192351	19.263 ng/ul	100
40) 2,4,5-Trichlorophenol	12.63	196	209800	19.040 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	737142	17.348 ng/ul	98
42) 2-Chloronaphthalene	12.99	162	567869	17.319 ng/ul	98
43) 2-Nitroaniline	13.21	65	203525	18.416 ng/ul	92
45) Dimethylphthalate	13.61	163	704928	17.485 ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	146434	19.794 ng/ul	92
48) Acenaphthylene	13.85	152	890438	17.827 ng/ul	100
49) 3-Nitroaniline	14.05	138	153348	23.289 ng/ul	91
50) Acenaphthene	14.20	153	612471	17.387 ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	67801	16.673 ng/ul	85
53) 4-Nitrophenol	14.38	109	103760	17.146 ng/ul	93
54) Dibenzofuran	14.54	168	860201	17.377 ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	211231	19.267 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.77	232	178531	19.266 ng/ul	98
57) Diethylphthalate	14.99	149	711728	17.853 ng/ul	99
59) Fluorene	15.19	166	698906	17.453 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.19	204	349858	17.507 ng/ul	99
61) 4-Nitroaniline	15.22	138	172363	20.954 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.28	198	110122	17.728 ng/ul	93
65) N-Nitrosodiphenylamine	15.41	169	596375	17.585 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	215582	18.294 ng/ul	99
67) Hexachlorobenzene	16.20	284	238619	18.009 ng/ul	97
68) Atrazine	16.37	200	214803	19.340 ng/ul	100
69) Pentachlorophenol	16.54	266	118940	16.299 ng/ul	98
70) Phenanthrene	16.93	178	1099896	17.255 ng/ul	99
72) Anthracene	17.02	178	1121322	17.534 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	300209	17.761 ng/uL	98
74) Pentachlorobenzene	14.46	250	283794	17.698 ng/uL	99
75) Carbazole	17.29	167	1026748	19.407 ng/ul	99
76) Di-n-butylphthalate	17.87	149	1227775	19.376 ng/ul	99
77) Fluoranthene	18.95	202	1262924	18.888 ng/ul	99
80) Pyrene	19.32	202	1302057	18.104 ng/ul	96
81) Butylbenzylphthalate	20.24	149	554249	21.771 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.01	252	442072	23.563 ng/ul	97
83) Benzo(a)anthracene	21.07	228	1251221	17.719 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	809229	20.506 ng/ul	98
85) Chrysene	21.12	228	1219400	17.373 ng/ul	99
87) Di-n-octyl phthalate	21.88	149	1392418	20.543 ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	1265165	17.343 ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	1248710	17.138 ng/ul	99
91) Benzo(a)pyrene	23.11	252	1114349	17.358 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.29	276	1418668	17.027 ng/ul	97
93) Dibenzo(a,h)anthracene	25.30	278	1197069	16.967 ng/ul	99
94) Benzo(g,h,i)perylene	25.91	276	1123328	16.153 ng/ul	98

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

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