Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024289.D
Acq On : 25 Dec 2019 15:05
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Quant Time: Dec 25 17:18:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 03:33:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	248417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	1057555	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	629398	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.84	188	1243882	20.00	ng/ul	-0.01
78) Chrysene-d12	21.06	240	1136358	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1322765	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	49161	8.74	ng/uL	0.00
5) Phenol-d5	6.63	99	410066	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	261621	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	318803	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	326717	16.99	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	153089	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	167188	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	310813	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	370605	18.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	883705	18.99	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	1099487	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	123730	14.81	ng/ul	0.00
58) Fluorene-d10	15.09	176	760467	18.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	105473	13.90	ng/ul	0.00
71) Anthracene-d10	16.94	188	1103003	19.49	ng/ul	0.00
79) Pyrene-d10	19.26	212	1125751	20.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1288687	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	48478	7.783	ng/uL	90
4) Benzaldehyde	6.59	77	293546	19.305	ng/ul	97
6) Phenol	6.65	94	423873	17.452	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.87	93	347140	18.445	ng/ul	98
10) 2-Chlorophenol	6.99	128	326281	18.964	ng/ul	97
11) 2-Methylphenol	7.89	108	311323	17.239	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	436230	20.125	ng/ul	98
14) Acetophenone	8.25	105	505718	17.441	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.24	70	292843	18.281	ng/ul	99
16) 4-Methylphenol	8.22	108	343862	17.151	ng/ul	98
17) Hexachloroethane	8.48	117	145192	20.445	ng/ul	95
20) Nitrobenzene	8.62	77	425353	20.137	ng/ul	99
21) Isophorone	9.15	82	778632	19.721	ng/ul	99
23) 2-Nitrophenol	9.33	139	178739	19.431	ng/ul	93
24) 2,4-Dimethylphenol	9.40	107	383363	19.320	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.63	93	478366	19.503	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	303543	19.094	ng/ul	99
28) Naphthalene	10.24	128	1069789	19.304	ng/ul	100
30) 4-Chloroaniline	10.37	127	375143	18.840	ng/ul	99
31) Hexachlorobutadiene	10.53	225	198461	20.194	ng/ul	99
32) Caprolactam	11.16	113	90841	15.122	ng/ul	95
33) 4-Chloro-3-methylphenol	11.52	107	343874	18.026	ng/ul	97
34) 2-Methylnaphthalene	11.87	142	732324	18.487	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.09	142	742367	18.361 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	350955	20.627 ng/ul	99
38) Hexachlorocyclopentadiene	12.22	237	121048	15.790 ng/ul	94
39) 2,4,6-Trichlorophenol	12.51	196	228986	20.350 ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	234773	19.354 ng/ul	99
41) 1,1'-Biphenyl	12.91	154	938002	19.966 ng/ul	99
42) 2-Chloronaphthalene	12.95	162	746066	20.212 ng/ul	99
43) 2-Nitroaniline	13.17	65	222561	20.565 ng/ul	94
45) Dimethylphthalate	13.56	163	915557	18.928 ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	182686	19.173 ng/ul	97
48) Acenaphthylene	13.80	152	1181554	19.956 ng/ul	100
49) 3-Nitroaniline	14.02	138	167477	18.520 ng/ul	92
50) Acenaphthene	14.15	153	798630	19.617 ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	71665	13.384 ng/ul	99
53) 4-Nitrophenol	14.36	109	98577	14.793 ng/ul	95
54) Dibenzofuran	14.49	168	1063408	18.790 ng/ul	96
55) 2,4-Dinitrotoluene	14.49	165	262816	18.264 ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	14.73	232	196730	17.939 ng/ul	92
57) Diethylphthalate	14.94	149	955361	19.426 ng/ul	99
59) Fluorene	15.15	166	890889	18.640 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.15	204	435199	18.725 ng/ul	96
61) 4-Nitroaniline	15.19	138	163008	16.325 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.26	198	113838	14.046 ng/ul	94
65) N-Nitrosodiphenylamine	15.37	169	743942	20.570 ng/ul	100
66) 4-Bromophenyl-phenylether	16.04	248	267647	20.243 ng/ul	98
67) Hexachlorobenzene	16.16	284	327253	20.214 ng/ul	99
68) Atrazine	16.34	200	260540	19.380 ng/ul	98
69) Pentachlorophenol	16.52	266	136627	16.105 ng/ul	99
70) Phenanthrene	16.89	178	1354390	19.449 ng/ul	99
72) Anthracene	16.98	178	1380345	19.716 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.87	216	350031	22.422 ng/uL	97
74) Pentachlorobenzene	14.42	250	367905	21.398 ng/uL	97
75) Carbazole	17.26	167	1172172	19.490 ng/ul	99
76) Di-n-butylphthalate	17.84	149	1607921	22.293 ng/ul	100
77) Fluoranthene	18.92	202	1481503	19.519 ng/ul	99
80) Pyrene	19.29	202	1533342	20.669 ng/ul	99
81) Butylbenzylphthalate	20.22	149	685650	23.460 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.99	252	521020	20.654 ng/ul	99
83) Benzo(a)anthracene	21.05	228	1436532	19.841 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1082137	24.846 ng/ul	100
85) Chrysene	21.10	228	1384159	19.505 ng/ul	99
87) Di-n-octyl phthalate	21.86	149	1774996	24.836 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1558749	19.694 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1485048	19.123 ng/ul	99
91) Benzo(a)pyrene	23.10	252	1405001	19.623 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	1815337	21.115 ng/ul	99
93) Dibenzo(a,h)anthracene	25.30	278	1527921	21.198 ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1518504	21.632 ng/ul	99

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

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