Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028186.D
Acq On : 19 Dec 2020 08:29
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Quant Time: Dec 21 00:35:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 14:51:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	194638	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.03	136	797045	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.83	164	455908	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	917096	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	820127	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	794821	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	33051	6.75	ng/uL	-0.01
5) Phenol-d5	7.34	99	307981	18.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.52	67	187127	18.01	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.73	132	264053	19.10	ng/ul	-0.01
13) 4-Methylphenol-d8	8.91	113	250642	18.74	ng/ul	-0.01
19) Nitrobenzene-d5	9.38	128	123799	19.80	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	134281	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	249369	19.36	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.16	131	284654	18.64	ng/ul	-0.01
44) Dimethylphthalate-d6	14.23	166	662100	18.85	ng/ul	-0.01
47) Acenaphthylene-d8	14.53	160	848197	19.25	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.00	143	127805	20.01	ng/ul	0.00
58) Fluorene-d10	15.82	176	581350	18.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	106600	19.52	ng/ul	0.00
71) Anthracene-d10	17.65	188	856185	18.81	ng/ul	0.00
79) Pyrene-d10	19.91	212	877103	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	822124	18.78	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	33431	6.617	ng/uL	93
4) Benzaldehyde	7.33	77	140253	17.962	ng/ul	99
6) Phenol	7.37	94	308452	18.820	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	251340	18.479	ng/ul	94
10) 2-Chlorophenol	7.76	128	265230	18.794	ng/ul	100
11) 2-Methylphenol	8.65	108	236462	18.920	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.74	45	400576	17.270	ng/ul	98
14) Acetophenone	9.04	105	370241	18.450	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.02	70	181417	17.971	ng/ul	94
16) 4-Methylphenol	8.97	108	255612	19.042	ng/ul	96
17) Hexachloroethane	9.30	117	111991	18.673	ng/ul	98
20) Nitrobenzene	9.42	77	283644	18.343	ng/ul	98
21) Isophorone	9.95	82	505125	18.792	ng/ul	99
23) 2-Nitrophenol	10.14	139	143171	20.418	ng/ul	98
24) 2,4-Dimethylphenol	10.19	107	272782	18.339	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.43	93	331008	18.136	ng/ul	98
27) 2,4-Dichlorophenol	10.67	162	240209	19.169	ng/ul	99
28) Naphthalene	11.09	128	839142	18.566	ng/ul	100
30) 4-Chloroaniline	11.19	127	271482	18.445	ng/ul	98
31) Hexachlorobutadiene	11.36	225	153627	18.527	ng/ul	98
32) Caprolactam	11.96	113	70954	19.717	ng/ul	88
33) 4-Chloro-3-methylphenol	12.29	107	245664	18.652	ng/ul	100
34) 2-Methylnaphthalene	12.67	142	567178	18.427	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	662948	18.403 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	280218	18.753 ng/ul	98
38) Hexachlorocyclopentadiene	13.02	237	162713	17.974 ng/ul	97
39) 2,4,6-Trichlorophenol	13.27	196	179960	19.791 ng/ul	95
40) 2,4,5-Trichlorophenol	13.34	196	192992	19.607 ng/ul	98
41) 1,1'-Biphenyl	13.67	154	717055	18.663 ng/ul	100
42) 2-Chloronaphthalene	13.72	162	558290	18.569 ng/ul	99
43) 2-Nitroaniline	13.91	65	153681	19.104 ng/ul	97
45) Dimethylphthalate	14.28	163	667888	18.609 ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	139575	20.456 ng/ul	95
48) Acenaphthylene	14.56	152	856488	19.175 ng/ul	99
49) 3-Nitroaniline	14.73	138	115249	18.770 ng/ul	92
50) Acenaphthene	14.90	153	596063	18.593 ng/ul	100
51) 2,4-Dinitrophenol	14.93	184	73386	19.229 ng/ul	94
53) 4-Nitrophenol	15.02	109	90544	18.218 ng/ul	94
54) Dibenzofuran	15.23	168	812195	18.511 ng/ul	95
55) 2,4-Dinitrotoluene	15.18	165	196953	20.047 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.44	232	164451	20.115 ng/ul	97
57) Diethylphthalate	15.63	149	676708	18.539 ng/ul	97
59) Fluorene	15.87	166	674103	18.399 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.86	204	328485	18.401 ng/ul	97
61) 4-Nitroaniline	15.87	138	104907	16.632 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.94	198	112764	19.150 ng/ul#	93
65) N-Nitrosodiphenylamine	16.06	169	557528	18.688 ng/ul	99
66) 4-Bromophenyl-phenylether	16.74	248	198568	18.914 ng/ul	99
67) Hexachlorobenzene	16.86	284	225075	18.747 ng/ul	97
68) Atrazine	17.00	200	194900	19.462 ng/ul	99
69) Pentachlorophenol	17.20	266	131617	19.428 ng/ul	95
70) Phenanthrene	17.59	178	1026298	18.485 ng/ul	99
72) Anthracene	17.69	178	1054278	18.660 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	274990	18.947 ng/uL	98
74) Pentachlorobenzene	15.15	250	267422	18.943 ng/uL	100
75) Carbazole	17.94	167	900102	19.098 ng/ul	99
76) Di-n-butylphthalate	18.49	149	1148054	19.789 ng/ul	99
77) Fluoranthene	19.57	202	1129922	19.282 ng/ul	98
80) Pyrene	19.93	202	1162231	18.805 ng/ul	99
81) Butylbenzylphthalate	20.80	149	489796	21.113 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.57	252	288189	18.346 ng/ul	98
83) Benzo(a)anthracene	21.65	228	1017755	18.514 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	723819	21.986 ng/ul	99
85) Chrysene	21.70	228	990791	18.339 ng/ul	99
87) Di-n-octyl phthalate	22.46	149	1181932	20.653 ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	987312	18.372 ng/ul	99
89) Benzo(k)fluoranthene	23.36	252	962599	18.060 ng/ul	99
91) Benzo(a)pyrene	23.93	252	891508	18.406 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.46	276	1054081	19.055 ng/ul	99
93) Dibenzo(a,h)anthracene	26.47	278	889380	18.968 ng/ul	99
94) Benzo(g,h,i)perylene	27.21	276	881843	18.982 ng/ul	99

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

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