Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028238.D
Acq On : 22 Dec 2020 16:04
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Dec 22 16:39:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 09:49:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	140376	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	562995	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	311860	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	599869	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	527049	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	522539	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	24923	7.06	ng/uL	0.00
5) Phenol-d5	7.33	99	217717	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	137363	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	187852	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	177331	18.38	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	86338	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	91558	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	175110	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	195602	18.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	449683	18.72	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	573889	19.04	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	80991	18.54	ng/ul	0.00
58) Fluorene-d10	15.81	176	391974	18.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	63433	17.76	ng/ul	0.00
71) Anthracene-d10	17.65	188	557303	18.72	ng/ul	0.00
79) Pyrene-d10	19.90	212	563655	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	535924	18.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	25002	6.861	ng/uL	89
4) Benzaldehyde	7.32	77	90184	16.014	ng/ul	98
6) Phenol	7.36	94	217956	18.439	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.60	93	181789	18.532	ng/ul	97
10) 2-Chlorophenol	7.75	128	189359	18.605	ng/ul	99
11) 2-Methylphenol	8.64	108	166155	18.433	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.73	45	291222	17.408	ng/ul	98
14) Acetophenone	9.03	105	260354	17.989	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.01	70	129262	17.754	ng/ul	94
16) 4-Methylphenol	8.97	108	179195	18.510	ng/ul	99
17) Hexachloroethane	9.30	117	79171	18.303	ng/ul	94
20) Nitrobenzene	9.42	77	203144	18.598	ng/ul	96
21) Isophorone	9.95	82	354505	18.671	ng/ul	99
23) 2-Nitrophenol	10.13	139	99024	19.993	ng/ul	96
24) 2,4-Dimethylphenol	10.18	107	190777	18.158	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.42	93	235611	18.276	ng/ul	99
27) 2,4-Dichlorophenol	10.66	162	166634	18.826	ng/ul	98
28) Naphthalene	11.07	128	590098	18.483	ng/ul	100
30) 4-Chloroaniline	11.18	127	186569	17.945	ng/ul	100
31) Hexachlorobutadiene	11.36	225	108268	18.485	ng/ul	98
32) Caprolactam	11.95	113	47942	18.860	ng/ul	86
33) 4-Chloro-3-methylphenol	12.28	107	167798	18.036	ng/ul	100
34) 2-Methylnaphthalene	12.67	142	395161	18.175	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	458587	18.022 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	193431	18.924 ng/ul	97
38) Hexachlorocyclopentadiene	13.01	237	102637	16.575 ng/ul	99
39) 2,4,6-Trichlorophenol	13.27	196	124145	19.959 ng/ul	97
40) 2,4,5-Trichlorophenol	13.33	196	132160	19.629 ng/ul	98
41) 1,1'-Biphenyl	13.66	154	494242	18.806 ng/ul	99
42) 2-Chloronaphthalene	13.71	162	386551	18.795 ng/ul	99
43) 2-Nitroaniline	13.90	65	102463	18.621 ng/ul	97
45) Dimethylphthalate	14.27	163	450670	18.357 ng/ul	99
46) 2,6-Dinitrotoluene	14.39	165	91808	19.671 ng/ul	96
48) Acenaphthylene	14.55	152	573494	18.770 ng/ul	99
49) 3-Nitroaniline	14.72	138	74987	17.854 ng/ul	92
50) Acenaphthene	14.89	153	408352	18.621 ng/ul	100
51) 2,4-Dinitrophenol	14.93	184	42909	16.436 ng/ul	95
53) 4-Nitrophenol	15.01	109	57180	16.820 ng/ul	90
54) Dibenzofuran	15.22	168	547575	18.244 ng/ul	96
55) 2,4-Dinitrotoluene	15.17	165	126273	18.789 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.44	232	108621	19.423 ng/ul	98
57) Diethylphthalate	15.62	149	455810	18.255 ng/ul	98
59) Fluorene	15.86	166	449874	17.951 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.85	204	222478	18.219 ng/ul	96
61) 4-Nitroaniline	15.87	138	66330	15.373 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	68321	17.738 ng/ul	98
65) N-Nitrosodiphenylamine	16.06	169	368287	18.873 ng/ul	99
66) 4-Bromophenyl-phenylether	16.73	248	133789	19.483 ng/ul	98
67) Hexachlorobenzene	16.86	284	150964	19.224 ng/ul	97
68) Atrazine	16.99	200	126162	19.260 ng/ul	99
69) Pentachlorophenol	17.19	266	83944	18.944 ng/ul	100
70) Phenanthrene	17.59	178	671125	18.480 ng/ul	99
72) Anthracene	17.68	178	688247	18.623 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	190109	20.026 ng/uL	100
74) Pentachlorobenzene	15.14	250	181605	19.667 ng/uL	98
75) Carbazole	17.94	167	580776	18.839 ng/ul	99
76) Di-n-butylphthalate	18.48	149	765344	20.169 ng/ul	99
77) Fluoranthene	19.57	202	734757	19.170 ng/ul	99
80) Pyrene	19.93	202	747668	18.824 ng/ul	99
81) Butylbenzylphthalate	20.79	149	328066	22.005 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.57	252	194649	19.282 ng/ul	98
83) Benzo(a)anthracene	21.64	228	658182	18.631 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	492818	23.294 ng/ul#	98
85) Chrysene	21.70	228	640949	18.461 ng/ul	98
87) Di-n-octyl phthalate	22.46	149	813576	21.624 ng/ul	100
88) Benzo(b)fluoranthene	23.30	252	633699	17.936 ng/ul	99
89) Benzo(k)fluoranthene	23.36	252	647307	18.473 ng/ul	99
91) Benzo(a)pyrene	23.92	252	581093	18.248 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.45	276	704037	19.359 ng/ul	100
93) Dibenzo(a,h)anthracene	26.46	278	596329	19.345 ng/ul	99
94) Benzo(g,h,i)perylene	27.20	276	594206	19.455 ng/ul	99

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

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