Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028097.D
Acq On : 10 Dec 2020 08:42
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020005

Quant Time: Dec 10 10:25:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 10:24:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	168308	20.00	ng/ul	0.00
20) Naphthalene-d8	11.11	136	696776	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	422480	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	878357	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	860880	20.00	ng/ul	0.00
88) Perylene-d12	24.13	264	865553	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	38070	8.64	ng/uL	0.00
4) Pyridine-d5	3.92	84	260493	21.64	ng/ul	0.00
7) Phenol-d5	7.41	99	303810	21.15	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	196594	21.54	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	261365	21.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	249689	21.29	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	123383	21.95	ng/ul	0.00
24) 2-Nitrophenol-d4	10.18	143	126625	21.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	253821	22.31	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	360054	22.69	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	728106	21.68	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	898162	22.01	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	136627	21.59	ng/ul	0.00
60) Fluorene-d10	15.88	176	640534	21.92	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	108838	20.28	ng/ul	0.00
73) Anthracene-d10	17.72	188	965536	22.08	ng/ul	0.00
81) Pyrene-d10	19.97	212	1031967	22.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1059935	22.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	39854	8.643	ng/uL	99
5) Pyridine	3.95	79	261827	21.689	ng/ul	96
6) Benzaldehyde	7.40	77	96331	17.172	ng/ul	97
8) Phenol	7.44	94	310320	21.428	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.68	93	262856	21.290	ng/ul	99
12) 2-Chlorophenol	7.83	128	268673	21.691	ng/ul	100
13) 2-Methylphenol	8.72	108	238512	21.399	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.81	45	447142	21.865	ng/ul	99
16) Acetophenone	9.11	105	391262	21.982	ng/ul	100
17) N-Nitroso-di-n-propylamine	9.09	70	192160	22.115	ng/ul	97
18) 4-Methylphenol	9.05	108	258339	21.430	ng/ul	96
19) Hexachloroethane	9.38	117	117886	22.195	ng/ul	97
22) Nitrobenzene	9.50	77	301761	22.110	ng/ul	100
23) Isophorone	10.03	82	531628	21.993	ng/ul	97
25) 2-Nitrophenol	10.22	139	143735	22.402	ng/ul	99
26) 2,4-Dimethylphenol	10.26	107	288560	22.268	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	356612	21.793	ng/ul	100
29) 2,4-Dichlorophenol	10.75	162	250510	22.366	ng/ul	98
30) Naphthalene	11.16	128	879875	21.859	ng/ul	100
32) 4-Chloroaniline	11.26	127	350758	22.713	ng/ul	99
33) Hexachlorobutadiene	11.44	225	161340	22.103	ng/ul	98
34) Caprolactam	12.03	113	73347	20.867	ng/ul	91

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35) 4-Chloro-3-methylphenol	12.36	107	260128	22.589	ng/ul	100
36) 2-Methylnaphthalene	12.75	142	610149	22.301	ng/ul	98
37) 1-Methylnaphthalene	12.97	142	584662	22.219	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	303705	21.309	ng/ul	100
40) Hexachlorocyclopentadiene	13.09	237	171599	20.536	ng/ul	98
41) 2,4,6-Trichlorophenol	13.34	196	193402	22.098	ng/ul	98
42) 2,4,5-Trichlorophenol	13.41	196	204252	21.600	ng/ul	98
43) 1,1'-Biphenyl	13.74	154	782991	21.388	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	609804	21.277	ng/ul	99
45) 2-Nitroaniline	13.98	65	168571	22.428	ng/ul	97
47) Dimethylphthalate	14.34	163	749948	21.668	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	150345	22.654	ng/ul	94
50) Acenaphthylene	14.63	152	924747	21.900	ng/ul	99
51) 3-Nitroaniline	14.79	138	126043	20.287	ng/ul	99
52) Acenaphthene	14.96	153	664539	21.824	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	72008	18.866	ng/ul	92
55) 4-Nitrophenol	15.08	109	105075	22.459	ng/ul	94
56) Dibenzofuran	15.29	168	902897	21.767	ng/ul	96
57) 2,4-Dinitrotoluene	15.24	165	215891	23.158	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.51	232	177866	22.243	ng/ul	98
59) Diethylphthalate	15.69	149	782954	22.190	ng/ul	99
61) Fluorene	15.93	166	760463	22.025	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.92	204	371570	21.836	ng/ul	99
63) 4-Nitroaniline	15.94	138	62377	12.155	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.00	198	119390	20.473	ng/ul	98
67) N-Nitrosodiphenylamine	16.13	169	634114	21.939	ng/ul	98
68) 4-Bromophenyl-phenylether	16.81	248	225896	21.865	ng/ul	96
69) Hexachlorobenzene	16.93	284	256731	21.792	ng/ul	98
70) Atrazine	17.06	200	224218	21.624	ng/ul	99
71) Pentachlorophenol	17.26	266	142804	20.993	ng/ul	99
72) Phenanthrene	17.66	178	1182850	21.829	ng/ul	99
74) Anthracene	17.75	178	1214839	21.996	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.71	216	298433	21.152	ng/uL	99
76) Pentachlorobenzene	15.22	250	299647	21.374	ng/uL	96
77) Carbazole	18.01	167	1042652	22.232	ng/ul	99
78) Di-n-butylphthalate	18.54	149	1361252	22.297	ng/ul	99
80) Fluoranthene	19.64	202	1342051	22.057	ng/ul	99
82) Pyrene	20.00	202	1390855	22.067	ng/ul	100
83) Butylbenzylphthalate	20.86	149	592355	22.369	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.63	252	401936	20.680	ng/ul	99
85) Benzo(a)anthracene	21.71	228	1298719	22.152	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	895706	22.090	ng/ul	99
87) Chrysene	21.76	228	1261931	21.953	ng/ul	100
89) Di-n-octyl phthalate	22.53	149	1510605	21.791	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	1331308	22.362	ng/ul	98
91) Benzo(k)fluoranthene	23.44	252	1242453	21.592	ng/ul	100
93) Benzo(a)pyrene	24.02	252	1181039	22.171	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.60	276	1403945	22.121	ng/ul	100
95) Dibenzo(a,h)anthracene	26.61	278	1193867	22.121	ng/ul	99
96) Benzo(g,h,i)perylene	27.36	276	1184215	22.248	ng/ul	99

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

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