Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028071.D
Acq On : 08 Dec 2020 11:59
Operator : JU/CG
Sample : SSTD04001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD040001

Quant Time: Dec 08 13:04:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 12:34:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	148135	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	612941	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	358357	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	739568	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	700756	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	691829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	61285	15.45	ng/uL	0.00
4) Pyridine-d5	3.92	84	421709	39.41	ng/ul	0.00
7) Phenol-d5	7.42	99	501702	40.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	321947	42.01	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	426586	41.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	414925	42.66	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	204591	42.99	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	214953	45.21	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	413259	42.85	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	579977	43.96	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1152297	43.46	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1427471	41.94	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	216708	42.38	ng/ul	0.00
60) Fluorene-d10	15.89	176	992475	41.77	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	183735	42.80	ng/ul	0.00
73) Anthracene-d10	17.72	188	1478938	40.79	ng/ul	0.00
81) Pyrene-d10	19.97	212	1553796	42.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1549258	42.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	62686	15.370	ng/uL	97
5) Pyridine	3.95	79	423916	39.481	ng/ul	96
6) Benzaldehyde	7.40	77	239623	47.006	ng/ul	98
8) Phenol	7.45	94	509626	40.497	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.69	93	434672	41.949	ng/ul	97
12) 2-Chlorophenol	7.84	128	437866	41.408	ng/ul	99
13) 2-Methylphenol	8.72	108	392108	41.629	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.82	45	723342	43.382	ng/ul	100
16) Acetophenone	9.12	105	628321	43.172	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	316636	45.787	ng/ul	98
18) 4-Methylphenol	9.05	108	422126	41.804	ng/ul	97
19) Hexachloroethane	9.39	117	189301	42.653	ng/ul	99
22) Nitrobenzene	9.50	77	486252	41.410	ng/ul	100
23) Isophorone	10.03	82	881890	44.894	ng/ul	97
25) 2-Nitrophenol	10.22	139	238182	44.293	ng/ul	97
26) 2,4-Dimethylphenol	10.27	107	458474	41.488	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.51	93	581230	43.102	ng/ul	100
29) 2,4-Dichlorophenol	10.76	162	398894	42.276	ng/ul	98
30) Naphthalene	11.17	128	1411200	40.771	ng/ul	100
32) 4-Chloroaniline	11.27	127	566588	44.347	ng/ul	97
33) Hexachlorobutadiene	11.45	225	255675	41.385	ng/ul	99
34) Caprolactam	12.04	113	125275	46.080	ng/ul	95

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35) 4-Chloro-3-methylphenol	12.37	107	419097	44.285	ng/ul	97
36) 2-Methylnaphthalene	12.76	142	972561	42.735	ng/ul	98
37) 1-Methylnaphthalene	12.97	142	930222	42.519	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	479417	39.309	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	285520	41.075	ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	309421	42.335	ng/ul	98
42) 2,4,5-Trichlorophenol	13.42	196	329218	41.949	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	1244840	40.540	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	970203	40.105	ng/ul	99
45) 2-Nitroaniline	13.99	65	271889	45.203	ng/ul	97
47) Dimethylphthalate	14.35	163	1177002	42.939	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	243309	46.752	ng/ul	92
50) Acenaphthylene	14.63	152	1460077	41.396	ng/ul	100
51) 3-Nitroaniline	14.80	138	229113	44.358	ng/ul	99
52) Acenaphthene	14.97	153	1037863	41.003	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	130298	43.527	ng/ul	96
55) 4-Nitrophenol	15.09	109	159813	42.505	ng/ul	97
56) Dibenzofuran	15.30	168	1405524	40.994	ng/ul	97
57) 2,4-Dinitrotoluene	15.25	165	344933	47.301	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.52	232	285671	45.316	ng/ul	99
59) Diethylphthalate	15.70	149	1220132	45.434	ng/ul	100
61) Fluorene	15.94	166	1176304	42.028	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.93	204	575003	41.956	ng/ul	99
63) 4-Nitroaniline	15.95	138	188753	41.250	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.01	198	198436	41.983	ng/ul	95
67) N-Nitrosodiphenylamine	16.13	169	984367	40.467	ng/ul	100
68) 4-Bromophenyl-phenylether	16.81	248	351066	41.533	ng/ul	99
69) Hexachlorobenzene	16.93	284	398224	40.839	ng/ul	100
70) Atrazine	17.07	200	354621	43.081	ng/ul	100
71) Pentachlorophenol	17.27	266	230531	42.246	ng/ul	98
72) Phenanthrene	17.67	178	1807524	40.196	ng/ul	99
74) Anthracene	17.76	178	1869646	40.822	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	472605	37.839	ng/uL	100
76) Pentachlorobenzene	15.22	250	465601	38.900	ng/uL	96
77) Carbazole	18.02	167	1597161	40.982	ng/ul	99
78) Di-n-butylphthalate	18.55	149	2123558	47.803	ng/ul	100
80) Fluoranthene	19.64	202	2032918	42.175	ng/ul	98
82) Pyrene	20.00	202	2085013	41.445	ng/ul	99
83) Butylbenzylphthalate	20.86	149	919215	50.907	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.64	252	667346	42.978	ng/ul	100
85) Benzo(a)anthracene	21.72	228	1918513	41.241	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	1392543	50.975	ng/ul	99
87) Chrysene	21.77	228	1875711	40.797	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	2336475	49.823	ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	1948115	42.681	ng/ul	99
91) Benzo(k)fluoranthene	23.46	252	1844447	41.876	ng/ul	100
93) Benzo(a)pyrene	24.03	252	1741755	41.948	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.62	276	2048952	40.193	ng/ul	99
95) Dibenzo(a,h)anthracene	26.63	278	1741843	40.424	ng/ul	100
96) Benzo(g,h,i)perylene	27.39	276	1720149	39.991	ng/ul	99

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

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