Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030515.D
Acq On : 22 Jun 2021 14:29
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160106

Quant Time: Jun 22 15:00:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	127168	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	508812	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	313754	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	622713	20.00	ng/ul	0.00
79) Chrysene-d12	21.36	240	695245	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	725679	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	215266	64.64	ng/uL	0.00
4) Pyridine-d5	3.69	84	1526241	174.41	ng/ul	0.00
7) Phenol-d5	6.99	99	1866312	168.86	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	7.15	67	1110105	155.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.35	132	1523031	190.54	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	1432356	162.27	ng/ul	0.02
21) Nitrobenzene-d5	8.97	128	705366	202.52	ng/ul	0.01
24) 2-Nitrophenol-d4	9.69	143	803351	232.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	1485019	197.08	ng/ul	0.01
31) 4-Chloroaniline-d4	10.75	131	1916307	166.36	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	3769914	175.09	ng/ul	0.01
49) Acenaphthylene-d8	14.14	160	4995019	185.70	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	774457	192.16	ng/ul	0.03
60) Fluorene-d10	15.44	176	3369560	174.80	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.57	200	781339	217.37	ng/ul	0.02
73) Anthracene-d10	17.29	188	5085138	179.54	ng/ul	0.00
81) Pyrene-d10	19.57	212	5709358	156.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.50	264	6698181	185.11	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	219713	65.089	ng/uL	96
5) Pyridine	3.71	79	1559649	168.821	ng/ul	98
6) Benzaldehyde	6.96	77	634234	122.441	ng/ul	96
8) Phenol	7.02	94	1881502	168.077	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.25	93	1421925	157.337	ng/ul	97
12) 2-Chlorophenol	7.39	128	1507942	182.873	ng/ul	98
13) 2-Methylphenol	8.26	108	1355021	162.781	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.35	45	2162416	148.548	ng/ul	99
16) Acetophenone	8.65	105	2193327	157.153	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.65	70	1118407	164.870	ng/ul	97
18) 4-Methylphenol	8.60	108	1460450	159.110	ng/ul	96
19) Hexachloroethane	8.89	117	634733	181.925	ng/ul	96
22) Nitrobenzene	9.02	77	1674926	187.332	ng/ul	98
23) Isophorone	9.56	82	2917028	178.431	ng/ul	98
25) 2-Nitrophenol	9.73	139	836394	218.275	ng/ul	97
26) 2,4-Dimethylphenol	9.79	107	1584548	182.661	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.02	93	1808146	166.120	ng/ul	99
29) 2,4-Dichlorophenol	10.26	162	1404938	191.476	ng/ul	98
30) Naphthalene	10.66	128	4348377	168.599	ng/ul	100
32) 4-Chloroaniline	10.77	127	1902964	165.050	ng/ul	100
33) Hexachlorobutadiene	10.94	225	913285	195.582	ng/ul	99
34) Caprolactam	11.59	113	215729	91.822	ng/ul	94

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35) 4-Chloro-3-methylphenol	11.90	107	1381060	184.955	ng/ul	97
36) 2-Methylnaphthalene	12.27	142	3138123	171.031	ng/ul	98
37) 1-Methylnaphthalene	12.49	142	3135516	168.363	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	1727074	189.338	ng/ul	99
40) Hexachlorocyclopentadiene	12.62	237	1146962	198.996	ng/ul	97
41) 2,4,6-Trichlorophenol	12.88	196	1137143	207.504	ng/ul	98
42) 2,4,5-Trichlorophenol	12.95	196	1210509	202.783	ng/ul	99
43) 1,1'-Biphenyl	13.28	154	3932091	172.009	ng/ul	99
44) 2-Chloronaphthalene	13.32	162	3108688	176.214	ng/ul	99
45) 2-Nitroaniline	13.53	65	950580	215.543	ng/ul	97
47) Dimethylphthalate	13.91	163	3634940	172.813	ng/ul	100
48) 2,6-Dinitrotoluene	14.03	165	821680	217.991	ng/ul	92
50) Acenaphthylene	14.17	152	4589965	178.648	ng/ul	99
51) 3-Nitroaniline	14.36	138	774281	180.170	ng/ul	94
52) Acenaphthene	14.51	153	3276930	171.675	ng/ul	98
53) 2,4-Dinitrophenol	14.57	184	578260	229.890	ng/ul	94
55) 4-Nitrophenol	14.68	109	608223	192.621	ng/ul	97
56) Dibenzofuran	14.84	168	4488738	169.026	ng/ul	97
57) 2,4-Dinitrotoluene	14.82	165	1141286	214.086	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.07	232	1021390	213.742	ng/ul	99
59) Diethylphthalate	15.27	149	3678115	177.201	ng/ul	99
61) Fluorene	15.50	166	3911803	175.443	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.49	204	1943236	180.975	ng/ul	99
63) 4-Nitroaniline	15.53	138	717302	178.259	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.59	198	756131	212.148	ng/ul#	93
67) N-Nitrosodiphenylamine	15.70	169	3192598	174.040	ng/ul	99
68) 4-Bromophenyl-phenylether	16.38	248	1161999	191.845	ng/ul	97
69) Hexachlorobenzene	16.50	284	1329811	193.166	ng/ul	98
70) Atrazine	16.66	200	1140578	173.251	ng/ul	99
71) Pentachlorophenol	16.84	266	876755	207.826	ng/ul	98
72) Phenanthrene	17.23	178	5765571	171.236	ng/ul	98
74) Anthracene	17.32	178	6005391	176.723	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.25	216	1673292	186.751	ng/uL	98
76) Pentachlorobenzene	14.77	250	1614810	187.137	ng/uL	99
77) Carbazole	17.59	167	5304279	175.747	ng/ul	98
78) Di-n-butylphthalate	18.15	149	6018043	190.400	ng/ul	99
80) Fluoranthene	19.24	202	6783377	151.705	ng/ul	99
82) Pyrene	19.60	202	7097778	150.099	ng/ul	98
83) Butylbenzylphthalate	20.49	149	2859975	192.700	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.27	252	2324859	184.909	ng/ul	97
85) Benzo(a)anthracene	21.34	228	7039411	167.571	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.27	149	4278593	190.041	ng/ul#	94
87) Chrysene	21.40	228	6812270	164.462	ng/ul	94
89) Di-n-octyl phthalate	22.15	149	7111292	152.145	ng/ul	100
90) Benzo(b)fluoranthene	22.96	252	7879770	168.928	ng/ul	99
91) Benzo(k)fluoranthene	23.00	252	7579394	170.108	ng/ul	98
93) Benzo(a)pyrene	23.54	252	7238807	177.546	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.97	276	9797880	195.258	ng/ul	98
95) Dibenzo(a,h)anthracene	25.98	278	8108791	191.932	ng/ul	98
96) Benzo(g,h,i)perylene	26.68	276	7809633	189.392	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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