Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028074.D
Acq On : 08 Dec 2020 15:26
Operator : JU/CG
Sample : SSTD02006
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020006

Quant Time: Dec 08 15:57:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 14:07:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	168246	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	709255	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	418984	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	852321	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	801875	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	784608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	38048	8.80	ng/uL	0.00
4) Pyridine-d5	3.92	84	262523	22.36	ng/ul	0.00
7) Phenol-d5	7.41	99	310661	22.21	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	203727	23.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	267155	23.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	253698	22.33	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	125872	22.67	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	132827	23.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	256469	22.80	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	358545	23.07	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	731596	22.64	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	900904	22.94	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	134093	21.96	ng/ul	0.00
60) Fluorene-d10	15.89	176	627459	22.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	106352	21.09	ng/ul	0.00
73) Anthracene-d10	17.72	188	929473	22.47	ng/ul	0.00
81) Pyrene-d10	19.98	212	976171	23.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	953924	22.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	40101	8.869	ng/uL	95
5) Pyridine	3.95	79	262660	22.196	ng/ul	95
6) Benzaldehyde	7.40	77	102445	19.821	ng/ul	96
8) Phenol	7.44	94	313920	22.205	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.69	93	272095	22.778	ng/ul	99
12) 2-Chlorophenol	7.83	128	275201	22.926	ng/ul	100
13) 2-Methylphenol	8.72	108	242352	22.390	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.81	45	452756	22.913	ng/ul	100
16) Acetophenone	9.12	105	392192	22.729	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.09	70	197729	23.654	ng/ul	98
18) 4-Methylphenol	9.05	108	262917	22.492	ng/ul	99
19) Hexachloroethane	9.38	117	117638	22.854	ng/ul	95
22) Nitrobenzene	9.50	77	303231	22.321	ng/ul	99
23) Isophorone	10.03	82	549440	23.077	ng/ul	99
25) 2-Nitrophenol	10.22	139	146258	23.179	ng/ul	99
26) 2,4-Dimethylphenol	10.26	107	289635	22.568	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	366959	22.756	ng/ul	99
29) 2,4-Dichlorophenol	10.75	162	251337	22.713	ng/ul	98
30) Naphthalene	11.17	128	892191	22.360	ng/ul	100
32) 4-Chloroaniline	11.27	127	350894	23.247	ng/ul	99
33) Hexachlorobutadiene	11.45	225	163155	22.671	ng/ul	97
34) Caprolactam	12.03	113	75252	21.635	ng/ul	86

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35) 4-Chloro-3-methylphenol	12.36	107	260210	22.791	ng/ul	98
36) 2-Methylnaphthalene	12.76	142	613589	22.720	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	589401	22.687	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	309084	22.500	ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	176076	22.070	ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	190922	22.584	ng/ul	100
42) 2,4,5-Trichlorophenol	13.42	196	207029	22.739	ng/ul	97
43) 1,1'-Biphenyl	13.75	154	788782	22.354	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	615066	22.201	ng/ul	99
45) 2-Nitroaniline	13.99	65	163943	22.617	ng/ul	94
47) Dimethylphthalate	14.35	163	749410	22.443	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	149209	23.559	ng/ul	97
50) Acenaphthylene	14.63	152	923914	22.708	ng/ul	100
51) 3-Nitroaniline	14.80	138	123756	20.537	ng/ul	99
52) Acenaphthene	14.97	153	655463	22.304	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	73928	20.098	ng/ul	97
55) 4-Nitrophenol	15.08	109	98430	21.521	ng/ul	98
56) Dibenzofuran	15.30	168	887562	22.089	ng/ul	98
57) 2,4-Dinitrotoluene	15.25	165	209323	23.326	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.52	232	176733	22.969	ng/ul	99
59) Diethylphthalate	15.69	149	769833	22.652	ng/ul	100
61) Fluorene	15.94	166	746073	22.345	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.93	204	368061	22.435	ng/ul	99
63) 4-Nitroaniline	15.94	138	66463	12.927	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.00	198	118035	21.482	ng/ul	99
67) N-Nitrosodiphenylamine	16.13	169	619489	22.737	ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	221467	22.748	ng/ul	96
69) Hexachlorobenzene	16.93	284	251618	22.694	ng/ul	99
70) Atrazine	17.07	200	217575	22.217	ng/ul	100
71) Pentachlorophenol	17.27	266	138346	21.531	ng/ul	99
72) Phenanthrene	17.67	178	1148328	22.423	ng/ul	99
74) Anthracene	17.76	178	1172923	22.412	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	300881	22.712	ng/uL	99
76) Pentachlorobenzene	15.22	250	299337	22.724	ng/uL	98
77) Carbazole	18.02	167	995535	22.379	ng/ul	99
78) Di-n-butylphthalate	18.55	149	1307742	22.726	ng/ul	99
80) Fluoranthene	19.64	202	1263200	23.074	ng/ul	98
82) Pyrene	20.01	202	1318228	23.236	ng/ul	99
83) Butylbenzylphthalate	20.86	149	556156	23.421	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	388471	22.092	ng/ul	100
85) Benzo(a)anthracene	21.72	228	1193478	22.424	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	847642	23.290	ng/ul	99
87) Chrysene	21.77	228	1177056	22.586	ng/ul	100
89) Di-n-octyl phthalate	22.54	149	1410620	23.384	ng/ul	100
90) Benzo(b)fluoranthene	23.41	252	1192215	22.641	ng/ul	99
91) Benzo(k)fluoranthene	23.46	252	1155875	22.877	ng/ul	100
93) Benzo(a)pyrene	24.04	252	1067397	22.688	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.62	276	1261814	22.452	ng/ul	100
95) Dibenzo(a,h)anthracene	26.63	278	1072399	22.399	ng/ul	99
96) Benzo(g,h,i)perylene	27.39	276	1051172	22.305	ng/ul	99

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

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