Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122920\
Data File : BM028280.D
Acq On : 29 Dec 2020 15:05
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020002

Quant Time: Dec 29 15:49:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 11:38:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	107382	20.00	ng/ul	0.00
20) Naphthalene-d8	11.01	136	437431	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.81	164	247766	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.53	188	498980	20.00	ng/ul	0.00
79) Chrysene-d12	21.65	240	473663	20.00	ng/ul	0.00
88) Perylene-d12	24.00	264	483034	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	21671	7.71	ng/uL	0.00
4) Pyridine-d5	3.85	84	152759	19.89	ng/ul	0.00
7) Phenol-d5	7.32	99	186200	20.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.49	67	114954	19.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.70	132	157728	20.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.89	113	150399	20.10	ng/ul	0.00
21) Nitrobenzene-d5	9.36	128	73798	20.91	ng/ul	0.00
24) 2-Nitrophenol-d4	10.08	143	79757	21.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.62	165	150227	21.04	ng/ul	0.00
31) 4-Chloroaniline-d4	11.14	131	208560	20.93	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	403113	20.46	ng/ul	0.00
49) Acenaphthylene-d8	14.51	160	509906	21.30	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	76205	20.53	ng/ul	0.00
60) Fluorene-d10	15.79	176	349136	20.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.90	200	62744	20.58	ng/ul	0.00
73) Anthracene-d10	17.63	188	517194	20.82	ng/ul	0.00
81) Pyrene-d10	19.89	212	539567	20.98	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.86	264	549268	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	22269	7.569	ng/uL	95
5) Pyridine	3.88	79	152548	19.806	ng/ul	95
6) Benzaldehyde	7.30	77	71109	19.868	ng/ul	96
8) Phenol	7.35	94	188810	20.434	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.59	93	157442	19.987	ng/ul	97
12) 2-Chlorophenol	7.73	128	161711	20.463	ng/ul	99
13) 2-Methylphenol	8.62	108	143144	20.129	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.71	45	255893	19.613	ng/ul	100
16) Acetophenone	9.02	105	229052	20.170	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.00	70	114628	20.677	ng/ul	99
18) 4-Methylphenol	8.95	108	154122	20.039	ng/ul	95
19) Hexachloroethane	9.27	117	67917	20.042	ng/ul	97
22) Nitrobenzene	9.40	77	177841	20.756	ng/ul	98
23) Isophorone	9.93	82	313692	20.671	ng/ul	97
25) 2-Nitrophenol	10.12	139	88130	21.880	ng/ul	96
26) 2,4-Dimethylphenol	10.16	107	169600	20.847	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.40	93	205582	20.012	ng/ul	98
29) 2,4-Dichlorophenol	10.65	162	145934	20.754	ng/ul	99
30) Naphthalene	11.06	128	516877	20.454	ng/ul	99
32) 4-Chloroaniline	11.16	127	202827	20.921	ng/ul	100
33) Hexachlorobutadiene	11.34	225	94447	20.610	ng/ul	98
34) Caprolactam	11.93	113	44277	20.065	ng/ul	87

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35) 4-Chloro-3-methylphenol	12.27	107	151599	20.969	ng/ul	97
36) 2-Methylnaphthalene	12.66	142	348855	20.311	ng/ul	100
37) 1-Methylnaphthalene	12.87	142	336931	20.396	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	174990	20.935	ng/ul	99
40) Hexachlorocyclopentadiene	12.99	237	88713	18.103	ng/ul	98
41) 2,4,6-Trichlorophenol	13.25	196	111917	21.805	ng/ul	100
42) 2,4,5-Trichlorophenol	13.32	196	118289	21.330	ng/ul	99
43) 1,1'-Biphenyl	13.65	154	447003	20.821	ng/ul	98
44) 2-Chloronaphthalene	13.70	162	349904	20.818	ng/ul	100
45) 2-Nitroaniline	13.89	65	96736	21.946	ng/ul	98
47) Dimethylphthalate	14.26	163	411988	20.297	ng/ul	100
48) 2,6-Dinitrotoluene	14.38	165	84248	21.646	ng/ul	95
50) Acenaphthylene	14.54	152	525030	21.202	ng/ul	100
51) 3-Nitroaniline	14.71	138	64350	17.661	ng/ul	100
52) Acenaphthene	14.87	153	371846	20.823	ng/ul	99
53) 2,4-Dinitrophenol	14.92	184	43611	19.483	ng/ul	94
55) 4-Nitrophenol	15.00	109	56288	20.515	ng/ul	98
56) Dibenzofuran	15.20	168	502893	20.673	ng/ul	98
57) 2,4-Dinitrotoluene	15.16	165	118515	21.677	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	99394	21.194	ng/ul	99
59) Diethylphthalate	15.61	149	413948	20.005	ng/ul	99
61) Fluorene	15.85	166	418802	20.683	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.84	204	202036	20.246	ng/ul	98
63) 4-Nitroaniline	15.86	138	48032	15.960	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.92	198	69463	20.968	ng/ul	95
67) N-Nitrosodiphenylamine	16.04	169	344732	20.995	ng/ul	99
68) 4-Bromophenyl-phenylether	16.72	248	122521	20.876	ng/ul	98
69) Hexachlorobenzene	16.84	284	140762	21.033	ng/ul	95
70) Atrazine	16.98	200	120564	20.468	ng/ul	98
71) Pentachlorophenol	17.18	266	77269	19.995	ng/ul	99
72) Phenanthrene	17.57	178	637837	20.721	ng/ul	100
74) Anthracene	17.66	178	652801	20.806	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.62	216	169370	21.131	ng/uL	97
76) Pentachlorobenzene	15.13	250	167417	21.021	ng/uL	98
77) Carbazole	17.93	167	557821	20.937	ng/ul	99
78) Di-n-butylphthalate	18.47	149	684220	19.728	ng/ul	100
80) Fluoranthene	19.56	202	706749	21.111	ng/ul	99
82) Pyrene	19.92	202	730971	21.079	ng/ul	99
83) Butylbenzylphthalate	20.79	149	302549	20.765	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.56	252	205232	19.192	ng/ul	99
85) Benzo(a)anthracene	21.63	228	668186	20.714	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.54	149	443675	19.887	ng/ul	98
87) Chrysene	21.69	228	653901	20.675	ng/ul	100
89) Di-n-octyl phthalate	22.44	149	745743	19.277	ng/ul	100
90) Benzo(b)fluoranthene	23.29	252	672408	20.238	ng/ul	98
91) Benzo(k)fluoranthene	23.34	252	655189	20.403	ng/ul	100
93) Benzo(a)pyrene	23.90	252	610133	20.524	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.43	276	735518	20.767	ng/ul	99
95) Dibenzo(a,h)anthracene	26.43	278	622391	20.664	ng/ul	98
96) Benzo(g,h,i)perylene	27.17	276	623125	20.978	ng/ul	97

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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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