Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028058.D
Acq On : 07 Dec 2020 14:43
Operator : JU/CG
Sample : L4485-11
Misc : MDL-WATER-01
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-04

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Quant Time: Dec 07 15:17:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 13:18:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	220951	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	922774	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	540408	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1039787	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	902377	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	873173	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	25191	4.26	ng/uL	0.00
4) Pyridine-d5	3.93	84	349124	21.87	ng/ul	0.00
7) Phenol-d5	7.42	99	572495	31.13	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	379452	33.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	489601	31.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	481532	33.20	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	232644	32.47	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	239841	33.50	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	442190	30.46	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	638043	32.13	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1292376	32.32	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1680353	32.74	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	216845	28.12	ng/ul	0.00
60) Fluorene-d10	15.89	176	1084089	30.25	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	168144	27.86	ng/ul	0.00
73) Anthracene-d10	17.72	188	1569879	30.80	ng/ul	0.00
81) Pyrene-d10	19.98	212	1599989	33.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1400065	30.12	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.96	79	46366	2.895	ng/ul#	75
6) Benzaldehyde	7.40	77	39167	5.151	ng/ul	97
8) Phenol	7.45	94	53200	2.834	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.69	93	47329	3.062	ng/ul	98
12) 2-Chlorophenol	7.84	128	45357	2.876	ng/ul	99
13) 2-Methylphenol	8.72	108	38670	2.752	ng/ul	91
14) 2,2'-oxybis(1-Chloropropan	8.82	45	76341	3.070	ng/ul	97
16) Acetophenone	9.12	105	65729	3.028	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.10	70	31086	3.014	ng/ul	95
18) 4-Methylphenol	9.05	108	43101	2.862	ng/ul	90
19) Hexachloroethane	9.39	117	18530	2.799	ng/ul	95
22) Nitrobenzene	9.50	77	51986	2.941	ng/ul	98
23) Isophorone	10.03	82	82109	2.776	ng/ul	99
25) 2-Nitrophenol	10.22	139	23648	2.921	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	46242	2.780	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.51	93	59224	2.917	ng/ul	99
29) 2,4-Dichlorophenol	10.75	162	40316	2.838	ng/ul	90
30) Naphthalene	11.17	128	149166	2.863	ng/ul	99
32) 4-Chloroaniline	11.27	127	57525	2.991	ng/ul	97
33) Hexachlorobutadiene	11.45	225	27459	2.952	ng/ul	98
34) Caprolactam	12.03	113	9910m	2.421	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	38376	2.694	ng/ul	98

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36) 2-Methylnaphthalene	12.76	142	99591	2.907 ng/ul	97
37) 1-Methylnaphthalene	12.97	142	94005	2.854 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	49884	2.712 ng/ul	97
40) Hexachlorocyclopentadiene	13.10	237	22851	2.180 ng/ul	98
41) 2,4,6-Trichlorophenol	13.35	196	26594	2.413 ng/ul	98
42) 2,4,5-Trichlorophenol	13.42	196	30115	2.545 ng/ul	99
43) 1,1'-Biphenyl	13.75	154	126342	2.728 ng/ul	98
44) 2-Chloronaphthalene	13.79	162	99713	2.733 ng/ul	97
45) 2-Nitroaniline	13.99	65	21555	2.376 ng/ul	98
47) Dimethylphthalate	14.35	163	119583	2.893 ng/ul	97
48) 2,6-Dinitrotoluene	14.47	165	18661	2.378 ng/ul	97
50) Acenaphthylene	14.63	152	148306	2.788 ng/ul	97
51) 3-Nitroaniline	14.80	138	19160	2.460 ng/ul	94
52) Acenaphthene	14.97	153	104065	2.726 ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	6949	1.539 ng/ul	93
55) 4-Nitrophenol	15.08	109	16318	2.878 ng/ul	91
56) Dibenzofuran	15.30	168	143346	2.772 ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	26248	2.387 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.52	232	23499	2.472 ng/ul	98
59) Diethylphthalate	15.69	149	113368	2.799 ng/ul	99
61) Fluorene	15.94	166	119174	2.824 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.93	204	59246	2.867 ng/ul	97
63) 4-Nitroaniline	15.95	138	19111	2.770 ng/ul	91
66) 4,6-Dinitro-2-methylphenol	16.00	198	16586	2.496 ng/ul#	68
67) N-Nitrosodiphenylamine	16.13	169	95214	2.784 ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	33635	2.830 ng/ul	97
69) Hexachlorobenzene	16.93	284	39245	2.863 ng/ul#	91
70) Atrazine	17.06	200	28898	2.497 ng/ul	93
71) Pentachlorophenol	17.27	266	15729	2.050 ng/ul	94
72) Phenanthrene	17.67	178	175423	2.775 ng/ul	99
74) Anthracene	17.76	178	180819	2.808 ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	49240	2.804 ng/uL	96
76) Pentachlorobenzene	15.22	250	47211	2.806 ng/uL	97
77) Carbazole	18.02	167	140519	2.565 ng/ul	99
78) Di-n-butylphthalate	18.55	149	163929	2.625 ng/ul	98
80) Fluoranthene	19.65	202	183068	2.949 ng/ul	99
82) Pyrene	20.00	202	197228	3.044 ng/ul	99
83) Butylbenzylphthalate	20.86	149	66118	2.844 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.64	252	51449	2.573 ng/ul	100
85) Benzo(a)anthracene	21.72	228	169682	2.833 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	93401	2.655 ng/ul	98
87) Chrysene	21.77	228	166818	2.818 ng/ul	98
89) Di-n-octyl phthalate	22.54	149	152982	2.585 ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	166351	2.888 ng/ul	97
91) Benzo(k)fluoranthene	23.45	252	157710	2.837 ng/ul	98
93) Benzo(a)pyrene	24.03	252	152239	2.905 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.61	276	174080	2.706 ng/ul	94
95) Dibenzo(a,h)anthracene	26.62	278	149948	2.757 ng/ul	97
96) Benzo(g,h,i)perylene	27.37	276	144018	2.653 ng/ul	99

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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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