

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031021\
 Data File : VN066163.D
 Acq On : 10 Mar 2021 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/11/2021 3:35:51 PM

Quant Time: Mar 10 17:41:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.584	168	170248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	282181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	275282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	139992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	153203	47.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.38%		
35) Dibromofluoromethane	7.504	113	95151	49.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.86%		
50) Toluene-d8	10.028	98	381459	50.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.72%		
62) 4-Bromofluorobenzene	12.342	95	150342	53.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	115549	54.28	ug/l	98
3) Chloromethane	2.017	50	182831	47.50	ug/l	99
4) Vinyl Chloride	2.148	62	156716	51.42	ug/l	99
5) Bromomethane	2.521	94	80798	49.42	ug/l	96
6) Chloroethane	2.655	64	86124	51.37	ug/l	97
7) Trichlorofluoromethane	2.966	101	172282	52.45	ug/l	95
8) Diethyl Ether	3.344	74	68080	50.27	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	3.682	101	83238	53.37	ug/l	92
10) Methyl Iodide	3.870	142	93029	46.38	ug/l #	87
11) Tert butyl alcohol	4.704	59	129363	235.30	ug/l #	89
12) 1,1-Dichloroethene	3.661	96	85894	49.78	ug/l #	69
13) Acrolein	3.532	56	68767	217.45	ug/l	98
14) Allyl chloride	4.229	41	275330	51.25	ug/l #	87
15) Acrylonitrile	4.884	53	395328	249.58	ug/l	99
16) Acetone	3.738	43	421002	259.39	ug/l #	86
17) Carbon Disulfide	3.966	76	270962	49.83	ug/l	97
18) Methyl Acetate	4.235	43	211835	52.25	ug/l #	85
19) Methyl tert-butyl Ether	4.943	73	394396	50.35	ug/l #	90
20) Methylene Chloride	4.455	84	111671	46.67	ug/l #	73
21) trans-1,2-Dichloroethene	4.935	96	105040	51.16	ug/l #	76
22) Diisopropyl ether	5.855	45	541534	50.54	ug/l #	92
23) Vinyl Acetate	5.796	43	2346083	254.29	ug/l #	90
24) 1,1-Dichloroethane	5.747	63	244555	49.94	ug/l	95
25) 2-Butanone	6.740	43	630936	250.83	ug/l #	83
26) 2,2-Dichloropropane	6.721	77	200304	49.92	ug/l	92
27) cis-1,2-Dichloroethene	6.729	96	120523	48.24	ug/l	73
28) Bromochloromethane	7.102	49	135706	48.26	ug/l #	62
29) Tetrahydrofuran	7.123	42	425594	243.63	ug/l #	78
30) Chloroform	7.284	83	219511	49.97	ug/l	97
31) Cyclohexane	7.571	56	224776	48.53	ug/l #	82
32) 1,1,1-Trichloroethane	7.482	97	183362	50.00	ug/l	95
36) 1,1-Dichloropropene	7.708	75	166888	52.02	ug/l	94
37) Ethyl Acetate	6.839	43	245215	50.10	ug/l #	93
38) Carbon Tetrachloride	7.689	117	147645	52.83	ug/l	99
39) Methylcyclohexane	9.011	83	183522	54.00	ug/l #	83
40) Benzene	7.963	78	483844	51.57	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	118076	50.22	ug/l #	100
42) 1,2-Dichloroethane	8.046	62	200212	52.44	ug/l	93
43) Isopropyl Acetate	8.089	43	410216	51.58	ug/l #	81
44) Trichloroethene	8.764	130	114271	51.40	ug/l	93
45) 1,2-Dichloropropane	9.049	63	151741	53.22	ug/l	98
46) Dibromomethane	9.140	93	81497	52.94	ug/l	89
47) Bromodichloromethane	9.336	83	178002	52.22	ug/l	98
48) Methyl methacrylate	9.132	41	198015	50.88	ug/l #	77
49) 1,4-Dioxane	9.135	88	38642	1081.42	ug/l #	69
51) 4-Methyl-2-Pentanone	9.920	43	1261348	261.32	ug/l	88
52) Toluene	10.092	92	286675	51.78	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	213656	52.98	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	225563	52.20	ug/l #	85
55) 1,1,2-Trichloroethane	10.502	97	115466	53.48	ug/l	95
56) Ethyl methacrylate	10.368	69	203346	53.88	ug/l #	75
57) 1,3-Dichloropropane	10.645	76	220056	52.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	322423	219.10	ug/l #	87
59) 2-Hexanone	10.690	43	946189	274.20	ug/l	86
60) Dibromochloromethane	10.840	129	124296	54.54	ug/l	100
61) 1,2-Dibromoethane	10.945	107	116143	52.64	ug/l	99
64) Tetrachloroethene	10.569	164	115327	50.81	ug/l	97
65) Chlorobenzene	11.374	112	296986	51.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	109326	50.76	ug/l	99
67) Ethyl Benzene	11.452	91	570054	52.40	ug/l	97
68) m/p-Xylenes	11.562	106	416399	106.22	ug/l	93
69) o-Xylene	11.889	106	201273	53.33	ug/l	94
70) Styrene	11.905	104	341341	55.10	ug/l	94
71) Bromoform	12.069	173	88972	54.79	ug/l #	100
73) Isopropylbenzene	12.192	105	539031	49.44	ug/l	98
74) N-amyl acetate	12.012	43	319900	47.21	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.447	83	190804	48.88	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	191139m	45.56	ug/l	
77) Bromobenzene	12.466	156	125799	49.72	ug/l	72
78) n-propylbenzene	12.533	91	656723	50.66	ug/l	96
79) 2-Chlorotoluene	12.616	91	390504	49.78	ug/l	94
80) 1,3,5-Trimethylbenzene	12.677	105	469458	50.93	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	66620	49.58	ug/l	91
82) 4-Chlorotoluene	12.715	91	410700	51.22	ug/l	94
83) tert-Butylbenzene	12.935	119	385695	49.44	ug/l	95
84) 1,2,4-Trimethylbenzene	12.983	105	469213	51.76	ug/l	99
85) sec-Butylbenzene	13.115	105	536862	52.23	ug/l	98
86) p-Isopropyltoluene	13.233	119	478782	52.41	ug/l	98
87) 1,3-Dichlorobenzene	13.225	146	235499	51.16	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	239682	51.61	ug/l	98
89) n-Butylbenzene	13.557	91	458548	54.49	ug/l	98
90) Hexachloroethane	13.815	117	71665	50.67	ug/l	100
91) 1,2-Dichlorobenzene	13.595	146	234701	51.32	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.209	75	46164	46.54	ug/l	76
93) 1,2,4-Trichlorobenzene	14.847	180	151541	51.57	ug/l	100
94) Hexachlorobutadiene	14.949	225	70595	54.15	ug/l	99
95) Naphthalene	15.067	128	463987	53.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	151218	54.07	ug/l	98

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

