

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066175.D
 Acq On : 12 Mar 2021 9:23
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:13 PM

Quant Time: Mar 12 11:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 11:03:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	332502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	540249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	503717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	179018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.821	85	3891	1.06	ug/l	81
3) Chloromethane	2.017	50	9857	1.74	ug/l	98
4) Vinyl Chloride	2.148	62	4616	0.91	ug/l	90
6) Chloroethane	2.655	64	2999	1.04	ug/l	92
7) Trichlorofluoromethane	2.966	101	5857	0.97	ug/l	90
8) Diethyl Ether	3.339	74	2454	1.08	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.693	101	3102m	0.99	ug/l	
12) 1,1-Dichloroethene	3.658	96	3842	1.25	ug/l #	75
14) Allyl chloride	4.227	41	8256	0.93	ug/l #	74
15) Acrylonitrile	4.889	53	11221	4.26	ug/l #	94
16) Acetone	3.733	43	19633	8.26	ug/l	97
17) Carbon Disulfide	3.961	76	10194	1.08	ug/l	98
18) Methyl Acetate	4.243	43	6392	0.88	ug/l #	65
19) Methyl tert-butyl Ether	4.945	73	12235	0.94	ug/l	92
20) Methylene Chloride	4.449	84	4628m	1.17	ug/l	
21) trans-1,2-Dichloroethene	4.919	96	3836	1.08	ug/l #	67
22) Diisopropyl ether	5.852	45	14135	0.81	ug/l	93
23) Vinyl Acetate	5.798	43	57655	3.84	ug/l	96
24) 1,1-Dichloroethane	5.739	63	7353m	0.89	ug/l	
25) 2-Butanone	6.753	43	19611m	4.76	ug/l	
26) 2,2-Dichloropropane	6.718	77	7139	1.04	ug/l #	74
27) cis-1,2-Dichloroethene	6.734	96	3788m	0.87	ug/l	
28) Bromochloromethane	7.099	49	3757m	0.84	ug/l	
29) Tetrahydrofuran	7.126	42	12311	4.31	ug/l #	87
30) Chloroform	7.281	83	7062	0.91	ug/l	93
32) 1,1,1-Trichloroethane	7.485	97	6362	0.97	ug/l #	39
36) 1,1-Dichloropropene	7.710	75	4854	0.82	ug/l #	71
37) Ethyl Acetate	6.842	43	6782	0.78	ug/l #	85
38) Carbon Tetrachloride	7.689	117	5052	0.91	ug/l #	81
39) Methylcyclohexane	9.009	83	6106	0.91	ug/l	86
40) Benzene	7.965	78	15010m	0.82	ug/l	
41) Methacrylonitrile	7.078	41	4232	0.93	ug/l #	50
42) 1,2-Dichloroethane	8.048	62	5979	0.87	ug/l	92
43) Isopropyl Acetate	8.086	43	12120	0.85	ug/l #	82
44) Trichloroethene	8.765	130	4092	0.94	ug/l	88
45) 1,2-Dichloropropane	9.054	63	4504	0.82	ug/l	99
46) Dibromomethane	9.140	93	2576	0.85	ug/l #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.333	83	5651	0.81	ug/l #	96
48) Methyl methacrylate	9.135	41	5036	0.74	ug/l #	90
49) 1,4-Dioxane	9.135	88	1130	17.68	ug/l #	67
51) 4-Methyl-2-Pentanone	9.918	43	33676	3.49	ug/l	97
52) Toluene	10.089	92	8280	0.72	ug/l	96
53) t-1,3-Dichloropropene	10.323	75	5769	0.73	ug/l #	88
54) cis-1,3-Dichloropropene	9.776	75	6334	0.73	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	3807	0.83	ug/l	89
56) Ethyl methacrylate	10.371	69	4737	0.61	ug/l	87
57) 1,3-Dichloropropane	10.650	76	6546	0.78	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.636	63	6723	2.84	ug/l	98
59) 2-Hexanone	10.696	43	20552	2.96	ug/l	97
60) Dibromochloromethane	10.846	129	3656	0.76	ug/l	94
61) 1,2-Dibromoethane	10.945	107	3753	0.81	ug/l	92
64) Tetrachloroethene	10.567	164	4090	0.89	ug/l	96
65) Chlorobenzene	11.374	112	8896	0.83	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	3622	0.87	ug/l #	62
67) Ethyl Benzene	11.452	91	14198	0.69	ug/l	90
68) m/p-Xylenes	11.564	106	10613	1.43	ug/l	98
69) o-Xylene	11.889	106	5740	0.81	ug/l	86
70) Styrene	11.908	104	7679	0.64	ug/l	91
71) Bromoform	12.066	173	2260	0.69	ug/l #	81
73) Isopropylbenzene	12.187	105	12603	0.88	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.444	83	4908	1.01	ug/l	91
76) 1,2,3-Trichloropropane	12.503	75	4059m	0.89	ug/l	
77) Bromobenzene	12.468	156	3104	0.90	ug/l	73
78) n-propylbenzene	12.533	91	13320	0.79	ug/l	99
79) 2-Chlorotoluene	12.618	91	9334	0.94	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	9440	0.79	ug/l	95
82) 4-Chlorotoluene	12.718	91	8009m	0.78	ug/l	
83) tert-Butylbenzene	12.938	119	8273	0.83	ug/l	99
84) 1,2,4-Trimethylbenzene	12.986	105	9224	0.76	ug/l	93
85) sec-Butylbenzene	13.117	105	10598	0.78	ug/l	91
86) p-Isopropyltoluene	13.230	119	8721	0.73	ug/l	94
87) 1,3-Dichlorobenzene	13.227	146	4911	0.82	ug/l	87
88) 1,4-Dichlorobenzene	13.308	146	6352m	1.08	ug/l	
89) n-Butylbenzene	13.557	91	7966	0.76	ug/l	92
90) Hexachloroethane	13.807	117	1608m	0.88	ug/l	
91) 1,2-Dichlorobenzene	13.597	146	5182m	0.85	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.217	75	1040m	0.97	ug/l	
93) 1,2,4-Trichlorobenzene	14.853	180	2451	0.68	ug/l	89
94) Hexachlorobutadiene	14.946	225	1966	1.00	ug/l	90
95) Naphthalene	15.075	128	6818	0.64	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.244	180	2638	0.72	ug/l #	90

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

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