

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041967.D
 Acq On : 12 Jan 2021 12:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV301

Quant Time: Jan 13 06:02:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:59:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	249243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239664	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	127623	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	145857	53.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.72%			
7) Chloroethane-d5	1.919	69	115570	53.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.40%			
11) 1,1-Dichloroethene-d2	2.578	63	237172	53.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.88%			
21) 2-Butanone-d5	4.642	46	224175	108.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.18%			
24) Chloroform-d	5.079	84	214768	51.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.90%			
26) 1,2-Dichloroethane-d4	5.716	65	137464	52.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.74%			
32) Benzene-d6	5.742	84	415936	49.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.32%			
36) 1,2-Dichloropropane-d6	6.703	67	126558	47.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.62%			
41) Toluene-d8	7.902	98	355921	49.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.94%			
43) trans-1,3-Dichloroprop...	8.182	79	65064	49.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.54%			
47) 2-Hexanone-d5	8.639	63	151378	104.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.88%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	215328	55.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.32%			
66) 1,2-Dichlorobenzene-d4	12.188	152	140468	52.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.74%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	106930	44.84	ug/L	99
3) Chloromethane	1.523	50	128722	46.21	ug/L	99
5) Vinyl chloride	1.607	62	133183	46.47	ug/L	98
6) Bromomethane	1.864	94	82425	47.10	ug/L	94
8) Chloroethane	1.938	64	82420	46.98	ug/L	98
9) Trichlorofluoromethane	2.144	101	164406	45.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	95757	47.99	ug/L	99
12) 1,1-Dichloroethene	2.591	96	91035	47.87	ug/L	94
13) Acetone	2.645	43	188610	107.57	ug/L	98
14) Carbon disulfide	2.803	76	298902	48.53	ug/L	99
15) Methyl Acetate	2.961	43	138537	50.34	ug/L	100
16) Methylene chloride	3.057	84	104084	47.07	ug/L	99
17) trans-1,2-Dichloroethene	3.369	96	93215	46.61	ug/L	99
18) Methyl tert-butyl Ether	3.375	73	308249	47.57	ug/L	99
19) 1,1-Dichloroethane	3.887	63	177861	44.95	ug/L	98
20) cis-1,2-Dichloroethene	4.684	96	96871	44.92	ug/L	98
22) 2-Butanone	4.723	43	222941	96.82	ug/L	100
23) Bromochloromethane	4.989	128	47557	45.97	ug/L	94
25) Chloroform	5.105	83	179727	45.70	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.809	62	134756	44.70	ug/L	99
29) Cyclohexane	5.404	56	167096	46.35	ug/L	99
30) 1,1,1-Trichloroethane	5.333	97	155988	43.65	ug/L	99
31) Carbon tetrachloride	5.539	117	129975	43.74	ug/L	100
33) Benzene	5.787	78	374440	42.15	ug/L	100
34) Trichloroethene	6.552	95	91131	41.70	ug/L	96
35) Methylcyclohexane	6.774	83	147152	45.89	ug/L	98
37) 1,2-Dichloropropane	6.803	63	98235	42.13	ug/L	99
38) Bromodichloromethane	7.115	83	126182	43.57	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	142470	41.56	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	309386	85.82	ug/L	100
42) Toluene	7.976	91	370537	43.79	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	143175	43.47	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	84958	41.75	ug/L	96
46) Tetrachloroethene	8.555	164	58732	42.81	ug/L	98
48) 2-Hexanone	8.690	43	263841	88.43	ug/L	99
49) Dibromochloromethane	8.812	129	92042	42.47	ug/L	97
50) 1,2-Dibromoethane	8.928	107	91774	43.03	ug/L	99
51) Chlorobenzene	9.449	112	235284	45.27	ug/L	98
52) Ethylbenzene	9.571	91	424316	47.03	ug/L	100
53) m,p-Xylene	9.693	106	152912	46.72	ug/L	100
54) o-xylene	10.099	106	146433	46.33	ug/L	97
55) Styrene	10.115	104	259546	46.64	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	183948	48.80	ug/L	100
59) Bromoform	10.291	173	69156	41.69	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	152804	45.81	ug/L	99
61) Isopropylbenzene	10.481	105	391284	43.76	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	370174	48.85	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	372743	49.15	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	187692	45.88	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	190122	46.48	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	190009	45.43	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.986	75	42506	40.19	ug/L	100
69) 1,3,5-Trichlorobenzene	13.208	180	112649	40.79	ug/L	99
70) 1,2,4-trichlorobenzene	13.828	180	98050	46.05	ug/L	98
71) Naphthalene	14.073	128	357219	48.73	ug/L	100
72) 1,2,3-Trichlorobenzene	14.317	180	100840	46.24	ug/L	99

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

