

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041972.D
 Acq On : 12 Jan 2021 16:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050160

Quant Time: Jan 13 06:05:50 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	6.256	114	268746	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	259393	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120551	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	144272	48.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.90%		
7) Chloroethane-d5	1.916	69	115614	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.72%		
11) 1,1-Dichloroethene-d2	2.575	63	241147	50.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.78%		
21) 2-Butanone-d5	4.636	46	200212	89.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.61%		
24) Chloroform-d	5.076	84	211467	46.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.96%		
26) 1,2-Dichloroethane-d4	5.713	65	137136	48.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.90%		
32) Benzene-d6	5.739	84	433155	47.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.56%		
36) 1,2-Dichloropropane-d6	6.697	67	132717	45.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.68%		
41) Toluene-d8	7.903	98	383151	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.42%		
43) trans-1,3-Dichloroprop...	8.182	79	72548	50.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.52%		
47) 2-Hexanone-d5	8.636	63	146712	93.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.92%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	187493	44.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.56%		
66) 1,2-Dichlorobenzene-d4	12.189	152	126085	50.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.48%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	127615	49.63	ug/L	99
3) Chloromethane	1.523	50	145427	48.41	ug/L	98
5) Vinyl chloride	1.607	62	150573	48.72	ug/L	100
6) Bromomethane	1.861	94	93629	49.61	ug/L	94
8) Chloroethane	1.935	64	92101	48.68	ug/L	97
9) Trichlorofluoromethane	2.141	101	186863	48.38	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	110343	51.28	ug/L	97
12) 1,1-Dichloroethene	2.588	96	104622	51.02	ug/L	94
13) Acetone	2.642	43	196765	104.08	ug/L	99
14) Carbon disulfide	2.800	76	329087	49.56	ug/L	99
15) Methyl Acetate	2.957	43	140290	47.28	ug/L	97
16) Methylene chloride	3.054	84	122205	51.26	ug/L	99
17) trans-1,2-Dichloroethene	3.363	96	104856	48.63	ug/L	99
18) Methyl tert-butyl Ether	3.375	73	360851	51.65	ug/L	100
19) 1,1-Dichloroethane	3.880	63	197960	46.40	ug/L	99
20) cis-1,2-Dichloroethene	4.681	96	111233	47.83	ug/L	97
22) 2-Butanone	4.716	43	230444	92.82	ug/L	98
23) Bromochloromethane	4.986	128	54668	49.01	ug/L	99
25) Chloroform	5.102	83	201670	47.56	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	165183	50.81	ug/L	99
29) Cyclohexane	5.401	56	177807	45.57	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	174476	45.11	ug/L	98
31) Carbon tetrachloride	5.536	117	141991	44.15	ug/L	100
33) Benzene	5.784	78	469831	48.87	ug/L	100
34) Trichloroethene	6.549	95	106542	45.04	ug/L	98
35) Methylcyclohexane	6.768	83	170828	49.23	ug/L	99
37) 1,2-Dichloropropane	6.797	63	115791	45.88	ug/L	100
38) Bromodichloromethane	7.112	83	153929	49.11	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	174267	46.97	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	351656	90.13	ug/L	99
42) Toluene	7.973	91	459168	50.13	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	179065	50.23	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	105493	47.90	ug/L	98
46) Tetrachloroethene	8.555	164	76928	51.81	ug/L	100
48) 2-Hexanone	8.687	43	295040	91.37	ug/L	99
49) Dibromochloromethane	8.813	129	111790	47.66	ug/L	98
50) 1,2-Dibromoethane	8.925	107	111885	48.47	ug/L	97
51) Chlorobenzene	9.446	112	275956	49.05	ug/L	99
52) Ethylbenzene	9.571	91	527038	53.97	ug/L	100
53) m,p-Xylene	9.694	106	181873	51.34	ug/L	95
54) o-xylene	10.099	106	171780	50.22	ug/L	99
55) Styrene	10.115	104	304955	50.63	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	177633	43.54	ug/L	99
59) Bromoform	10.288	173	75795	48.38	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	148271	47.05	ug/L	99
61) Isopropylbenzene	10.481	105	459143	54.36	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	389030	54.35	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	386542	53.96	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	192453	49.81	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	191597	49.59	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	195503	49.49	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	43204	43.25	ug/L	94
69) 1,3,5-Trichlorobenzene	13.208	180	131560	50.43	ug/L	100
70) 1,2,4-trichlorobenzene	13.828	180	110707	55.05	ug/L	99
71) Naphthalene	14.076	128	383949	55.45	ug/L	100
72) 1,2,3-Trichlorobenzene	14.317	180	112185	54.46	ug/L	99

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

