

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031725\
 Data File : VU063293.D
 Acq On : 17 Mar 2025 13:56
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV032

Quant Time: Mar 21 09:19:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 21 09:04:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	295752	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	286399	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	142517	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	116515	47.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.34%		
7) Chloroethane-d5	1.891	69	96848	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.40%		
11) 1,1-Dichloroethene-d2	2.554	63	209691	48.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.90%		
21) 2-Butanone-d5	4.608	46	176172	98.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.77%		
24) Chloroform-d	5.046	84	219874	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.22%		
26) 1,2-Dichloroethane-d4	5.685	65	135213	46.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.92%		
32) Benzene-d6	5.714	84	439499	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.82%		
36) 1,2-Dichloropropane-d6	6.679	67	142549	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.54%		
41) Toluene-d8	7.888	98	405194	50.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.44%		
43) trans-1,3-Dichloroprop...	8.171	79	64077	49.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.00%		
47) 2-Hexanone-d5	8.621	63	112178	101.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.17%		
56) 1,1,2,2-Tetrachloroeth...	10.743	84	208230	47.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.86%		
66) 1,2-Dichlorobenzene-d4	12.184	152	139257	48.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	121949	49.23	ug/L	100
3) Chloromethane	1.518	50	134731	48.49	ug/L	100
5) Vinyl chloride	1.599	62	139191	49.16	ug/L	100
6) Bromomethane	1.830	94	75972	47.77	ug/L	97
8) Chloroethane	1.914	64	84889	49.09	ug/L	97
9) Trichlorofluoromethane	2.123	101	162852	49.80	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	99646	49.84	ug/L	99
12) 1,1-Dichloroethene	2.567	96	97995	51.17	ug/L	95
13) Acetone	2.615	43	122324	100.99	ug/L	100
14) Carbon disulfide	2.779	76	313908	51.45	ug/L	99
15) Methyl Acetate	2.936	43	132388	49.89	ug/L #	100
16) Methylene chloride	3.030	84	117015	49.79	ug/L	98
17) trans-1,2-Dichloroethene	3.338	96	104365	51.49	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	330098	50.96	ug/L	99
19) 1,1-Dichloroethane	3.849	63	211544	50.95	ug/L	99
20) cis-1,2-Dichloroethene	4.650	96	119985	51.58	ug/L	98
22) 2-Butanone	4.689	43	186313	105.97	ug/L	97
23) Bromochloromethane	4.959	128	60644	50.85	ug/L	98
25) Chloroform	5.071	83	208488	49.88	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	169068	51.51	ug/L	99
29) Cyclohexane	5.373	56	174572	52.46	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	171737	51.39	ug/L	97
31) Carbon tetrachloride	5.512	117	142960	51.36	ug/L	98
33) Benzene	5.759	78	471649	52.23	ug/L	100
34) Trichloroethene	6.531	95	120339	52.29	ug/L	96
35) Methylcyclohexane	6.750	83	174163	53.01	ug/L	99
37) 1,2-Dichloropropane	6.779	63	128944	50.94	ug/L	100
38) Bromodichloromethane	7.094	83	153681	49.38	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	192636	51.95	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	350664	106.53	ug/L	100
42) Toluene	7.959	91	496123	53.11	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	177285	51.75	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	120834	50.28	ug/L	99
46) Tetrachloroethene	8.544	164	87223	53.70	ug/L	99
48) 2-Hexanone	8.672	43	280549	111.79	ug/L	97
49) Dibromochloromethane	8.798	129	119165	51.11	ug/L	100
50) 1,2-Dibromoethane	8.910	107	128625	51.26	ug/L	99
51) Chlorobenzene	9.438	112	298866	50.81	ug/L	99
52) Ethylbenzene	9.560	91	524049	53.60	ug/L	99
53) m,p-Xylene	9.685	106	193461	53.57	ug/L	98
54) o-Xylene	10.090	106	190726	54.18	ug/L	100
55) Styrene	10.106	104	326285	56.14	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	213583	51.12	ug/L	97
59) Bromoform	10.280	173	96112	51.13	ug/L	99
60) 1,2,3-Trichloropropane	10.811	75	164377	49.70	ug/L	99
61) Isopropylbenzene	10.473	105	500989	53.60	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	401416	54.43	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	389865	55.12	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	227553	51.58	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	229364	51.18	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	228001	51.26	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	44865	52.00	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	155288	52.31	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	122665	53.45	ug/L	98
71) Naphthalene	14.081	128	383955	60.80	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	123278	54.96	ug/L	98

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

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