

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062668.D
 Acq On : 08 Jan 2025 13:12
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV020

Quant Time: Jan 08 23:42:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 23:36:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	151007	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	140106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	74385	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49006	49.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.460%
7) Chloroethane-d5	1.901	69	39772	49.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	63	102689	50.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.500%
21) 2-Butanone-d5	4.608	46	51465	122.661	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.660%
24) Chloroform-d	5.049	84	115893	50.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
26) 1,2-Dichloroethane-d4	5.685	65	80012	51.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.660%
32) Benzene-d6	5.714	84	200652	52.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.220%
36) 1,2-Dichloropropane-d6	6.679	67	55505	50.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.540%
41) Toluene-d8	7.888	98	193019	52.313	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.620%
43) trans-1,3-Dichloroprop...	8.168	79	36649	56.504	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.000%
47) 2-Hexanone-d5	8.621	63	40965	120.143	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.140%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	88106	53.422	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	12.183	152	77173	52.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	70082	47.034	ug/L	98
3) Chloromethane	1.518	50	48491	47.912	ug/L	99
5) Vinyl chloride	1.602	62	52569	48.239	ug/L	99
6) Bromomethane	1.843	94	40114	48.350	ug/L	99
8) Chloroethane	1.923	64	31345	47.214	ug/L	100
9) Trichlorofluoromethane	2.129	101	104929	48.093	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49919	47.206	ug/L	97
12) 1,1-Dichloroethene	2.570	96	46976	50.327	ug/L	97
13) Acetone	2.612	43	42338	103.102	ug/L	97
14) Carbon disulfide	2.785	76	138622	49.795	ug/L	98
15) Methyl Acetate	2.936	43	41796	54.705	ug/L	99
16) Methylene chloride	3.033	84	51076	49.367	ug/L	99
17) trans-1,2-Dichloroethene	3.341	96	49159	50.532	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	170404	50.098	ug/L	99
19) 1,1-Dichloroethane	3.856	63	87915	49.726	ug/L	99
20) cis-1,2-Dichloroethene	4.650	96	55269	50.993	ug/L	98
22) 2-Butanone	4.685	43	56619	108.621	ug/L	97
23) Bromochloromethane	4.962	128	30333	49.285	ug/L	98
25) Chloroform	5.074	83	105879	49.449	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	87801	48.191	ug/L	99
29) Cyclohexane	5.377	56	67803	49.911	ug/L	100
30) 1,1,1-Trichloroethane	5.303	97	101403	49.836	ug/L	99
31) Carbon tetrachloride	5.512	117	93268	49.759	ug/L	99
33) Benzene	5.759	78	197895	50.259	ug/L	100
34) Trichloroethene	6.531	95	59273	48.129	ug/L	97
35) Methylcyclohexane	6.750	83	79472	50.050	ug/L	100
37) 1,2-Dichloropropane	6.779	63	47801	50.901	ug/L	98
38) Bromodichloromethane	7.094	83	81962	50.626	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	88896	51.222	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	113434	109.645	ug/L	98
42) Toluene	7.959	91	217577	50.338	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	90070	52.160	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	54496	51.444	ug/L	98
46) Tetrachloroethene	8.544	164	46112	50.787	ug/L	97
48) 2-Hexanone	8.672	43	88134	112.395	ug/L	98
49) Dibromochloromethane	8.798	129	64409	50.264	ug/L	99
50) 1,2-Dibromoethane	8.910	107	60971	51.207	ug/L	100
51) Chlorobenzene	9.434	112	143829	50.728	ug/L	98
52) Ethylbenzene	9.560	91	251552	50.736	ug/L	99
53) m,p-Xylene	9.682	106	93077	50.642	ug/L	100
54) o-Xylene	10.090	106	92652	51.927	ug/L	96
55) Styrene	10.103	104	159633	52.331	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	85049	52.564	ug/L	98
59) Bromoform	10.280	173	54060	52.737	ug/L #	97
60) 1,2,3-Trichloropropane	10.811	75	71136	52.405	ug/L	97
61) Isopropylbenzene	10.473	105	254477	51.638	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	222547	51.881	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	220115	52.470	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	121801	51.973	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	122748	51.916	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	120774	53.143	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	23105	55.778	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	84341	53.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	66522	54.994	ug/L	97
71) Naphthalene	14.077	128	188899	60.746	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65105	57.659	ug/L	94

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

