

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013025\
 Data File : VU063101.D
 Acq On : 30 Jan 2025 15:36
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

Quant Time: Jan 31 07:50:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM013025WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 07:44:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	173002	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	74373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59584	47.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.540%
7) Chloroethane-d5	1.901	69	35618	51.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.460%
11) 1,1-Dichloroethene-d2	2.557	63	105895	48.091	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
21) 2-Butanone-d5	4.605	46	78428	96.409	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.410%
24) Chloroform-d	5.049	84	106402	45.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	5.685	65	62311	47.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.440%
32) Benzene-d6	5.714	84	220897	46.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
36) 1,2-Dichloropropane-d6	6.676	67	70628	45.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	7.888	98	200909	46.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	8.168	79	34212	47.566	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.140%
47) 2-Hexanone-d5	8.621	63	60704	90.593	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.590%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	102703	44.791	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.580%
66) 1,2-Dichlorobenzene-d4	12.184	152	72744	50.786	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61612	47.759	ug/L	98
3) Chloromethane	1.518	50	63947	47.651	ug/L	99
5) Vinyl chloride	1.599	62	73706	47.879	ug/L	98
6) Bromomethane	1.843	94	31704	65.861	ug/L	96
8) Chloroethane	1.923	64	30723	51.761	ug/L	99
9) Trichlorofluoromethane	2.129	101	77833	45.589	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	56513	47.207	ug/L	99
12) 1,1-Dichloroethene	2.570	96	54723	46.402	ug/L	95
13) Acetone	2.612	43	49327	96.962	ug/L	92
14) Carbon disulfide	2.782	76	174743	48.130	ug/L	98
15) Methyl Acetate	2.936	43	56943	46.732	ug/L	95
16) Methylene chloride	3.033	84	60476	44.536	ug/L	94
17) trans-1,2-Dichloroethene	3.341	96	56392	46.769	ug/L	97
18) Methyl tert-butyl Ether	3.348	73	171543	46.077	ug/L	98
19) 1,1-Dichloroethane	3.853	63	100811	45.634	ug/L	96
20) cis-1,2-Dichloroethene	4.653	96	65175	47.607	ug/L	98
22) 2-Butanone	4.682	43	77860	93.704	ug/L	96
23) Bromochloromethane	4.959	128	32016	46.004	ug/L	94
25) Chloroform	5.074	83	103924	46.173	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	75359	46.233	ug/L	99
29) Cyclohexane	5.373	56	96717	47.451	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	86402	44.683	ug/L	98
31) Carbon tetrachloride	5.512	117	75889	45.468	ug/L	99
33) Benzene	5.759	78	237159	46.015	ug/L	100
34) Trichloroethene	6.531	95	62022	44.480	ug/L	93
35) Methylcyclohexane	6.753	83	97306	45.513	ug/L	99
37) 1,2-Dichloropropane	6.775	63	62692	44.306	ug/L	100
38) Bromodichloromethane	7.094	83	77841	46.456	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	102207	48.354	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	149847	88.670	ug/L	100
42) Toluene	7.959	91	253820	46.699	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	92567	47.142	ug/L	99
45) 1,1,2-Trichloroethane	8.386	97	62921	46.716	ug/L	96
46) Tetrachloroethene	8.544	164	45638	46.322	ug/L	99
48) 2-Hexanone	8.672	43	118448	91.999	ug/L	98
49) Dibromochloromethane	8.798	129	61817	45.294	ug/L	100
50) 1,2-Dibromoethane	8.914	107	67025	46.070	ug/L	95
51) Chlorobenzene	9.434	112	171845	50.650	ug/L	99
52) Ethylbenzene	9.560	91	293529	49.898	ug/L	99
53) m,p-Xylene	9.682	106	111397	50.718	ug/L	97
54) o-Xylene	10.090	106	109737	49.581	ug/L	98
55) Styrene	10.103	104	189669	50.430	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	104080	43.767	ug/L	100
59) Bromoform	10.280	173	53817	54.029	ug/L	99
60) 1,2,3-Trichloropropane	10.811	75	77037	48.588	ug/L	99
61) Isopropylbenzene	10.473	105	286982	56.540	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	218212	52.561	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	216953	52.551	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	120678	49.636	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	127229	50.499	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	118732	49.502	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	21168	49.362	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	83685	51.141	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	74736	53.080	ug/L	99
71) Naphthalene	14.077	128	252412	57.802	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	71789	52.750	ug/L	98

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

