

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063744.D
 Acq On : 19 Nov 2025 12:32
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV032

Quant Time: Nov 20 03:39:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:09:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	164714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	170255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	113654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	87681	4.989	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.800%	
7) Chloroethane-d5	1.891	69	77468	5.121	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.541	65	41146	5.093	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.800%	
20) 2-Butanone-d5	4.592	46	180645	59.168	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.340%	
24) Chloroform-d	5.029	84	190504	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.669	65	99581	5.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.695	84	369048	5.195	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	6.660	67	105391	5.250	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.872	98	351576	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
43) trans-1,3-Dichloroprop...	8.155	79	35717	5.289	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.800%	
46) 2-Hexanone-d5	8.608	63	141666	60.367	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.740%	
56) 1,1,2,2-Tetrachloroeth...	10.730	84	83684	5.518	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.400%	
66) 1,2-Dichlorobenzene-d4	12.167	152	127086	5.166	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	65525	5.394	ug/L	99
3) Chloromethane	1.505	50	50117	5.312	ug/L	99
5) Vinyl chloride	1.586	62	63444	5.295	ug/L	98
6) Bromomethane	1.837	94	40543	5.328	ug/L	94
8) Chloroethane	1.914	64	46772	5.299	ug/L	99
9) Trichlorofluoromethane	2.116	101	125298	5.327	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	75771	5.370	ug/L	99
12) 1,1-Dichloroethene	2.554	96	59893	5.508	ug/L	95
13) Acetone	2.602	43	149161	59.737	ug/L	98
14) Carbon disulfide	2.766	76	75477	5.048	ug/L	98
15) Methyl Acetate	2.930	43	27934	5.676	ug/L	100
16) Methylene chloride	3.017	84	97404	6.427	ug/L	97
17) Methyl tert-butyl Ether	3.335	73	204762	5.658	ug/L	99
18) trans-1,2-Dichloroethene	3.322	96	61734	5.293	ug/L	99
19) 1,1-Dichloroethane	3.833	63	146475	5.364	ug/L	97
21) 2-Butanone	4.672	43	209575	61.156	ug/L	98
22) cis-1,2-Dichloroethene	4.634	96	87101	5.386	ug/L	99
23) Bromochloromethane	4.943	128	37995	5.653	ug/L	95
25) Chloroform	5.055	83	168607	5.315	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.762	62	100737	5.407	ug/L	99
29) 1,1,1-Trichloroethane	5.283	97	131277	5.393	ug/L	100
30) Cyclohexane	5.354	56	97053	5.400	ug/L	98
31) Carbon tetrachloride	5.492	117	99588	5.400	ug/L	99
33) Benzene	5.743	78	309599	5.441	ug/L	100
34) Trichloroethene	6.515	95	88811	5.259	ug/L	98
35) Methylcyclohexane	6.733	83	104618	5.456	ug/L	98
37) 1,2-Dichloropropane	6.762	63	85311	5.340	ug/L	99
38) Bromodichloromethane	7.078	83	116460	5.535	ug/L	100
39) cis-1,3-Dichloropropene	7.582	75	116632	5.596	ug/L	96
40) 4-Methyl-2-pentanone	7.762	43	537378	62.513	ug/L	100
42) Toluene	7.942	91	348811	5.474	ug/L	99
44) trans-1,3-Dichloropropene	8.184	75	91375	5.777	ug/L	97
45) 1,1,2-Trichloroethane	8.373	97	69350	5.553	ug/L	98
47) Tetrachloroethene	8.528	164	65379	5.260	ug/L	97
48) 2-Hexanone	8.656	43	403163	64.724	ug/L	96
49) Dibromochloromethane	8.782	129	72281	5.679	ug/L	98
50) 1,2-Dibromoethane	8.897	107	60848	5.628	ug/L	96
51) Chlorobenzene	9.421	112	249488	5.328	ug/L	98
52) Ethylbenzene	9.547	91	430765	5.452	ug/L	99
53) m,p-Xylene	9.669	106	160786	5.389	ug/L	99
54) o-Xylene	10.074	106	161868	5.492	ug/L	95
55) Styrene	10.090	104	276380	5.703	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.756	83	83968	5.621	ug/L	98
59) Bromoform	10.264	173	38856	5.655	ug/L	98
60) Isopropylbenzene	10.460	105	459610	5.380	ug/L	100
61) 1,2,3-Trichloropropane	10.798	75	61970	5.790	ug/L	99
62) 1,3,5-Trimethylbenzene	11.065	105	389804	5.470	ug/L	99
63) 1,2,4-Trimethylbenzene	11.444	105	382201	5.525	ug/L	99
64) 1,3-Dichlorobenzene	11.720	146	216767	5.361	ug/L	99
65) 1,4-Dichlorobenzene	11.810	146	219368	5.354	ug/L	97
67) 1,2-Dichlorobenzene	12.187	146	200833	5.504	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.968	75	11730	5.958	ug/L	96
69) 1,3,5-Trichlorobenzene	13.193	180	166507	5.623	ug/L	99
70) 1,2,4-trichlorobenzene	13.814	180	148466	6.316	ug/L	99
71) Naphthalene	14.058	128	263802	7.874	ug/L	99
72) 1,2,3-Trichlorobenzene	14.299	180	129411	6.582	ug/L	99

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

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