

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013025\
 Data File : VU063098.D
 Acq On : 30 Jan 2025 14:18
 Operator : MD/SY
 Sample : VSTD05023
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050023

Quant Time: Jan 31 07:30:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM013025WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 07:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	175848	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	147667	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	74310	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	57592	50.197	ug/L	0.00
7) Chloroethane-d5	1.898	69	42775	46.548	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	100439	43.658	ug/L	0.00
21) 2-Butanone-d5	4.605	46	78508	144.132	ug/L	0.00
24) Chloroform-d	5.046	84	114333	43.941	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	65095	38.389	ug/L	0.00
32) Benzene-d6	5.711	84	241084	57.881	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	80233	64.856	ug/L	0.00
41) Toluene-d8	7.885	98	203663	52.059	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	34466	50.781	ug/L	0.00
47) 2-Hexanone-d5	8.618	63	61935	149.838	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	108030	59.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.180	152	72997	49.842	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	60577	37.229	ug/L	100
3) Chloromethane	1.518	50	61890	51.744	ug/L	100
5) Vinyl chloride	1.599	62	65045	50.933	ug/L	100
6) Bromomethane	1.837	94	27743	31.277	ug/L	100
8) Chloroethane	1.917	64	36187	46.944	ug/L	100
9) Trichlorofluoromethane	2.126	101	83233	35.245	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	54989	45.587	ug/L	100
12) 1,1-Dichloroethene	2.567	96	53612	49.375	ug/L	100
13) Acetone	2.612	43	42429	88.866	ug/L	100
14) Carbon disulfide	2.779	76	164936	50.647	ug/L	100
15) Methyl Acetate	2.933	43	53646	57.487	ug/L	100
16) Methylene chloride	3.030	84	62007	51.181	ug/L	100
17) trans-1,2-Dichloroethene	3.338	96	55732	49.342	ug/L	100
18) Methyl tert-butyl Ether	3.348	73	172901	44.588	ug/L	100
19) 1,1-Dichloroethane	3.853	63	102434	49.780	ug/L	100
20) cis-1,2-Dichloroethene	4.650	96	64109	50.684	ug/L	100
22) 2-Butanone	4.682	43	75002	116.074	ug/L	100
23) Bromochloromethane	4.959	128	32908	46.459	ug/L	100
25) Chloroform	5.071	83	106542	43.950	ug/L	100
27) 1,2-Dichloroethane	5.779	62	75050	37.288	ug/L	100
29) Cyclohexane	5.374	56	95061	62.495	ug/L	100
30) 1,1,1-Trichloroethane	5.300	97	88527	42.869	ug/L	100
31) Carbon tetrachloride	5.509	117	78840	41.510	ug/L	100
33) Benzene	5.759	78	251234	57.975	ug/L	100
34) Trichloroethene	6.528	95	65246	49.724	ug/L	100
35) Methylcyclohexane	6.750	83	104786	60.113	ug/L	100
37) 1,2-Dichloropropane	6.775	63	67800	63.698	ug/L	100
38) Bromodichloromethane	7.091	83	79055	46.973	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	99456	53.462	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	149382	126.552	ug/L	100
42) Toluene	7.955	91	246472	53.375	ug/L	100
44) trans-1,3-Dichloropropene	8.197	75	93880	51.314	ug/L	100

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45) 1,1,2-Trichloroethane	8.386	97	58614	51.780	ug/L	100
46) Tetrachloroethene	8.541	164	46863	49.393	ug/L	100
48) 2-Hexanone	8.669	43	110218	122.964	ug/L	100
49) Dibromochloromethane	8.798	129	59870	45.128	ug/L	100
50) 1,2-Dibromoethane	8.910	107	64728	50.891	ug/L	100
51) Chlorobenzene	9.435	112	150189	50.205	ug/L	100
52) Ethylbenzene	9.560	91	263147	50.372	ug/L	100
53) m,p-Xylene	9.682	106	99985	51.490	ug/L	100
54) o-Xylene	10.087	106	99163	52.459	ug/L	100
55) Styrene	10.103	104	167874	52.116	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	104994	58.485	ug/L	100
59) Bromoform	10.280	173	48056	47.217	ug/L	100
60) 1,2,3-Trichloropropane	10.811	75	77458	54.669	ug/L	100
61) Isopropylbenzene	10.473	105	256793	51.813	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	209464	49.280	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	208189	49.970	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	117771	50.178	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	118314	50.055	ug/L	100
67) 1,2-Dichlorobenzene	12.200	146	115192	50.302	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.984	75	20860	49.711	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	79362	50.379	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	64268	52.676	ug/L	100
71) Naphthalene	14.077	128	191828	58.310	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	62024	53.604	ug/L	100

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

