

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063598.D
 Acq On : 17 Sep 2025 09:55
 Operator : MD/SY
 Sample : VSTD00122
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001022

Quant Time: Sep 18 05:58:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 18 05:57:15 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/22/2025
 Supervised By : Mahesh Dadoda 09/22/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	154173	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	144190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	8445	1.065	ug/L	0.00
7) Chloroethane-d5	1.901	69	7838	1.029	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.551	65	4069	1.076	ug/L	0.00
20) 2-Butanone-d5	4.637	46	21053	9.230	ug/L	0.03
24) Chloroform-d	5.052	84	19283	1.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	10225	1.049	ug/L	0.00
32) Benzene-d6	5.718	84	35185	1.016	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	12093	1.079	ug/L	0.00
41) Toluene-d8	7.891	98	31791	1.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	2945	0.960	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	15210	9.411	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	8956	0.991	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	11407	1.058	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11793	0.961	ug/L	99
3) Chloromethane	1.515	50	13039	0.960	ug/L	95
5) Vinyl chloride	1.596	62	13581	0.934	ug/L	97
6) Bromomethane	1.840	94	8039	0.936	ug/L	95
8) Chloroethane	1.920	64	8876	0.989	ug/L	100
9) Trichlorofluoromethane	2.126	101	18329	0.964	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	10224	0.950	ug/L	97
12) 1,1-Dichloroethene	2.567	96	9386	0.941	ug/L	82
13) Acetone	2.618	43	18563	9.266	ug/L	99
14) Carbon disulfide	2.779	76	23147	0.879	ug/L	96
15) Methyl Acetate	2.952	43	4205	0.927	ug/L #	89
16) Methylene chloride	3.030	84	11122	0.953	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	22615	0.920	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	9512	0.923	ug/L	98
19) 1,1-Dichloroethane	3.856	63	19425	0.925	ug/L	96
21) 2-Butanone	4.711	43	27461m	10.116	ug/L	
22) cis-1,2-Dichloroethene	4.657	96	10789	0.921	ug/L	98
23) Bromochloromethane	4.962	128	4888	0.942	ug/L	96
25) Chloroform	5.075	83	20112	0.935	ug/L	90
27) 1,2-Dichloroethane	5.785	62	13727	0.963	ug/L #	92
29) 1,1,1-Trichloroethane	5.306	97	14668	0.888	ug/L	95
30) Cyclohexane	5.374	56	17882	0.917	ug/L	98
31) Carbon tetrachloride	5.509	117	10904	0.843	ug/L	99
33) Benzene	5.763	78	42492	0.943	ug/L	100
34) Trichloroethene	6.534	95	11509	0.931	ug/L	96
35) Methylcyclohexane	6.753	83	17481	0.927	ug/L	95
37) 1,2-Dichloropropane	6.782	63	11524	0.944	ug/L #	93
38) Bromodichloromethane	7.097	83	11215	0.859	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	11177	0.807	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	61323	8.777	ug/L	99
42) Toluene	7.962	91	45061	0.932	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	8159	0.802	ug/L	99

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

45) 1,1,2-Trichloroethane	8.390	97	7682	0.919	ug/L	94
47) Tetrachloroethene	8.544	164	9273	0.983	ug/L	97
48) 2-Hexanone	8.679	43	38939	8.198	ug/L	98
49) Dibromochloromethane	8.798	129	6472	0.847	ug/L	99
50) 1,2-Dibromoethane	8.917	107	6923	0.929	ug/L	100
51) Chlorobenzene	9.438	112	29261	0.935	ug/L	99
52) Ethylbenzene	9.563	91	48472	0.911	ug/L	98
53) m,p-Xylene	9.689	106	17091	0.856	ug/L	97
54) o-Xylene	10.094	106	17265	0.894	ug/L	99
55) Styrene	10.110	104	27154	0.857	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	9275	0.929	ug/L	96
59) Bromoform	10.280	173	3064	0.815	ug/L #	97
60) Isopropylbenzene	10.476	105	46323	0.928	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	6814	0.991	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	36068	0.888	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	34496	0.890	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	21258	0.950	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	20199	0.894	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	19997	0.958	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	777	0.732	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	15063	0.900	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	10974	0.849	ug/L	99
71) Naphthalene	14.090	128	15101	0.781	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.325	180	9549	0.861	ug/L	96

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

