

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060625\
 Data File : VU063360.D
 Acq On : 06 Jun 2025 17:09
 Operator : MD/SY
 Sample : VSTD00517
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005017

Quant Time: Jun 09 11:23:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 09 11:15:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	109313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	107334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58859	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	53226	4.963	ug/L	0.00
7) Chloroethane-d5	1.898	69	41707	4.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.550	65	18854	5.046	ug/L	0.00
20) 2-Butanone-d5	4.615	46	116969	51.216	ug/L	0.00
24) Chloroform-d	5.052	84	86200	5.131	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	42426	4.968	ug/L	0.00
32) Benzene-d6	5.717	84	166799	5.156	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	55894	5.190	ug/L	0.00
41) Toluene-d8	7.891	98	145629	5.299	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	19768	5.269	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	85711	52.006	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47191	5.048	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	48971	4.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	51587	5.048	ug/L	100
3) Chloromethane	1.521	50	63145	4.916	ug/L	100
5) Vinyl chloride	1.595	62	67846	4.876	ug/L	99
6) Bromomethane	1.837	94	38160	5.036	ug/L	97
8) Chloroethane	1.917	64	41927	4.938	ug/L	98
9) Trichlorofluoromethane	2.123	101	79610	5.044	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	44890	4.968	ug/L	99
12) 1,1-Dichloroethene	2.563	96	41945	4.964	ug/L	97
13) Acetone	2.618	43	75100	45.884	ug/L	98
14) Carbon disulfide	2.779	76	144250	4.902	ug/L	99
15) Methyl Acetate	2.946	43	20218	4.692	ug/L	98
16) Methylene chloride	3.029	84	52476	4.857	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	106811	4.979	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	45990	4.868	ug/L	98
19) 1,1-Dichloroethane	3.856	63	95249	5.044	ug/L	99
21) 2-Butanone	4.695	43	126095	50.586	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	52746	4.999	ug/L	99
23) Bromochloromethane	4.965	128	24533	5.022	ug/L	96
25) Chloroform	5.078	83	93902	4.965	ug/L	98
27) 1,2-Dichloroethane	5.785	62	59894	4.923	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	73844	5.027	ug/L	99
30) Cyclohexane	5.373	56	77702	5.093	ug/L	98
31) Carbon tetrachloride	5.512	117	62196	5.070	ug/L	98
33) Benzene	5.762	78	209832	5.146	ug/L	100
34) Trichloroethene	6.534	95	53182	4.959	ug/L	96
35) Methylcyclohexane	6.753	83	76437	5.065	ug/L	99
37) 1,2-Dichloropropane	6.782	63	58185	5.146	ug/L	100
38) Bromodichloromethane	7.097	83	67592	5.052	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	78856	5.136	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	315708	51.845	ug/L	98
42) Toluene	7.962	91	221657	5.253	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	64714	5.168	ug/L	96

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45) 1,1,2-Trichloroethane	8.393	97	40794	5.044	ug/L	98
47) Tetrachloroethene	8.547	164	39390	5.166	ug/L	96
48) 2-Hexanone	8.675	43	229507	52.587	ug/L	99
49) Dibromochloromethane	8.801	129	42822	4.947	ug/L	100
50) 1,2-Dibromoethane	8.913	107	36927	4.963	ug/L	98
51) Chlorobenzene	9.441	112	135607	5.035	ug/L	98
52) Ethylbenzene	9.563	91	222860	5.151	ug/L	98
53) m,p-Xylene	9.688	106	85403	5.284	ug/L	97
54) o-Xylene	10.093	106	79160	5.140	ug/L	95
55) Styrene	10.110	104	140709	5.363	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	51420	4.961	ug/L	99
59) Bromoform	10.283	173	24914	4.753	ug/L	99
60) Isopropylbenzene	10.476	105	213289	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	35702	4.999	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	160511	4.973	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	156698	5.057	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	102097	4.920	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	103427	4.969	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	95581	4.911	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	7078	5.191	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	67488	4.892	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	52637	4.838	ug/L	99
71) Naphthalene	14.084	128	74636	4.624	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	48213	4.870	ug/L	95

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

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