

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060625\
 Data File : VU063361.D
 Acq On : 06 Jun 2025 17:35
 Operator : MD/SY
 Sample : VSTD01018
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010018

Quant Time: Jun 09 11:15:55 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	6.238	114	108179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	108231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	106923	10.074	ug/L	0.00
7) Chloroethane-d5	1.894	69	85666	10.313	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.547	65	36446	9.856	ug/L	0.00
20) 2-Butanone-d5	4.611	46	252470	111.705	ug/L	0.00
24) Chloroform-d	5.049	84	173051	10.408	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	89402	10.578	ug/L	0.00
32) Benzene-d6	5.714	84	345373	10.588	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	114273	10.523	ug/L	0.00
41) Toluene-d8	7.888	98	299288	10.799	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	42484	11.229	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	201461	121.225	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	100627	10.676	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	107499	10.506	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	102459	10.132	ug/L	100
3) Chloromethane	1.521	50	127887	10.060	ug/L	99
5) Vinyl chloride	1.595	62	137548	9.990	ug/L	100
6) Bromomethane	1.833	94	71462	9.530	ug/L	100
8) Chloroethane	1.914	64	85133	10.131	ug/L	98
9) Trichlorofluoromethane	2.120	101	156468	10.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	87071	9.737	ug/L	99
12) 1,1-Dichloroethene	2.563	96	85261	10.197	ug/L	96
13) Acetone	2.618	43	154408	95.328	ug/L	98
14) Carbon disulfide	2.775	76	288667	9.912	ug/L	100
15) Methyl Acetate	2.943	43	42734	10.022	ug/L	96
16) Methylene chloride	3.029	84	104868	9.807	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	225438	10.620	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	93868	10.040	ug/L	98
19) 1,1-Dichloroethane	3.853	63	191002	10.220	ug/L	96
21) 2-Butanone	4.692	43	275522	111.691	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	109126	10.451	ug/L	98
23) Bromochloromethane	4.959	128	48921	10.120	ug/L	98
25) Chloroform	5.074	83	189308	10.115	ug/L	98
27) 1,2-Dichloroethane	5.782	62	121203	10.067	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	147307	9.946	ug/L	100
30) Cyclohexane	5.373	56	165430	10.754	ug/L	99
31) Carbon tetrachloride	5.512	117	125532	10.149	ug/L	99
33) Benzene	5.762	78	427876	10.407	ug/L	100
34) Trichloroethene	6.531	95	106862	9.883	ug/L	98
35) Methylcyclohexane	6.753	83	164235	10.792	ug/L	99
37) 1,2-Dichloropropane	6.779	63	117592	10.313	ug/L	100
38) Bromodichloromethane	7.094	83	135389	10.035	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	166967	10.785	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	685729	111.677	ug/L	100
42) Toluene	7.959	91	463030	10.883	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	136977	10.849	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	83774	10.272	ug/L	97
47) Tetrachloroethene	8.544	164	79225	10.304	ug/L	98
48) 2-Hexanone	8.672	43	496671	112.859	ug/L	98
49) Dibromochloromethane	8.801	129	88839	10.178	ug/L	99
50) 1,2-Dibromoethane	8.913	107	77321	10.307	ug/L	96
51) Chlorobenzene	9.438	112	276383	10.177	ug/L	98
52) Ethylbenzene	9.563	91	480283	11.008	ug/L	99
53) m,p-Xylene	9.685	106	185205	11.363	ug/L	95
54) o-Xylene	10.093	106	175994	11.332	ug/L	95
55) Styrene	10.106	104	310916	11.752	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	109590	10.485	ug/L	97
59) Bromoform	10.283	173	54031	9.928	ug/L	98
60) Isopropylbenzene	10.476	105	471326	10.849	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	75291	10.156	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	373229	11.140	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	368710	11.463	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	219198	10.176	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	218990	10.135	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	204390	10.116	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	15214	10.748	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	150924	10.539	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	120990	10.712	ug/L	100
71) Naphthalene	14.080	128	193763	11.563	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	111856	10.884	ug/L	97

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

