

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039405.D
 Acq On : 19 Nov 2025 10:37
 Operator : SY/MD
 Sample : VSTD00161
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001261

Quant Time: Nov 20 03:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.535	114	261011	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.776	117	300097	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	178719	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.291	65	39056	1.089 ug/L	0.00
7) Chloroethane-d5	1.545	69	35587	1.346 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	17045	1.134 ug/L	0.00
20) 2-Butanone-d5	3.831	46	51899m	10.710 ug/L	0.04
24) Chloroform-d	4.252	84	83489	1.492 ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	31645	1.248 ug/L	0.01
32) Benzene-d6	4.963	84	130196	1.158 ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	39942m	0.971 ug/L	0.00
41) Toluene-d8	7.239	98	107713	1.079 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	13123	1.045 ug/L	0.02
46) 2-Hexanone-d5	8.027	63	32043m	8.210 ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.143	84	28181	1.124 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	36532	1.099 ug/L	0.00
Target Compounds					
					Qvalue
2) Dichlorodifluoromethane	1.121	85	28565	0.853 ug/L	95
3) Chloromethane	1.227	50	22696	0.623 ug/L	99
5) Vinyl chloride	1.298	62	25027	0.709 ug/L	90
6) Bromomethane	1.503	94	14048	0.773 ug/L	99
8) Chloroethane	1.561	64	19601	0.896 ug/L	97
9) Trichlorofluoromethane	1.728	101	48648	0.992 ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	32833	1.142 ug/L	99
12) 1,1-Dichloroethene	2.082	96	23152	0.905 ug/L	91
13) Acetone	2.130	43	44088	11.685 ug/L	100
14) Carbon disulfide	2.252	76	36890	0.462 ug/L #	95
15) Methyl Acetate	2.404	43	7854	0.816 ug/L #	88
16) Methylene chloride	2.458	84	32946	1.103 ug/L	97
17) Methyl tert-butyl Ether	2.709	73	46768	0.949 ug/L #	93
18) trans-1,2-Dichloroethene	2.706	96	22637	0.876 ug/L	95
19) 1,1-Dichloroethane	3.121	63	59270	1.094 ug/L	97
21) 2-Butanone	3.912	43	50548m	9.298 ug/L	
22) cis-1,2-Dichloroethene	3.825	96	27216	1.010 ug/L	93
23) Bromochloromethane	4.162	128	12494	1.026 ug/L	88
25) Chloroform	4.281	83	64562	1.175 ug/L	92
27) 1,2-Dichloroethane	5.053	62	28989	0.973 ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	51044	1.001 ug/L	95
30) Cyclohexane	4.587	56	24279	0.564 ug/L	99
31) Carbon tetrachloride	4.731	117	49145	1.088 ug/L	100
33) Benzene	5.011	78	99001	0.854 ug/L	100
34) Trichloroethene	5.841	95	29974m	1.012 ug/L	
35) Methylcyclohexane	6.043	83	25920	0.583 ug/L	99
37) 1,2-Dichloropropane	6.095	63	28199	0.905 ug/L #	94
38) Bromodichloromethane	6.436	83	42358	1.022 ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	30936	0.756 ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	107435	7.593 ug/L #	93
42) Toluene	7.313	91	95186	0.804 ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	32342m	0.933 ug/L	

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

45) 1,1,2-Trichloroethane	7.767	97	22324	0.999	ug/L	95
47) Tetrachloroethene	7.899	164	24104	1.019	ug/L	95
48) 2-Hexanone	8.075	43	80860m	8.372	ug/L	
49) Dibromochloromethane	8.169	129	27935	1.103	ug/L	95
50) 1,2-Dibromoethane	8.281	107	18234	0.942	ug/L	95
51) Chlorobenzene	8.809	112	76608	0.974	ug/L	95
52) Ethylbenzene	8.940	91	99492	0.812	ug/L	98
53) m,p-Xylene	9.066	106	36248	0.781	ug/L	99
54) o-Xylene	9.471	106	35334	0.802	ug/L	90
55) Styrene	9.493	104	55605	0.732	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.169	83	26531	1.035	ug/L	99
59) Bromoform	9.657	173	17012	1.206	ug/L	99
60) Isopropylbenzene	9.857	105	98068	0.771	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	16917	0.936	ug/L	97
62) 1,3,5-Trimethylbenzene	10.464	105	73498	0.753	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	66706	0.683	ug/L	92
64) 1,3-Dichlorobenzene	11.111	146	59492	0.947	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	64611	0.978	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	54310	0.943	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.358	75	4328m	1.104	ug/L	
69) 1,3,5-Trichlorobenzene	12.570	180	45186	1.080	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	33278	1.011	ug/L	97
71) Naphthalene	13.432	128	36720	0.727	ug/L	97
72) 1,2,3-Trichlorobenzene	13.667	180	28270	0.948	ug/L	96

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

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