

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039408.D
 Acq On : 19 Nov 2025 11:46
 Operator : SY/MD
 Sample : VSTD02064
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020264

Quant Time: Nov 20 03:24:45 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	5.538	114	349623	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	367468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	277780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	918437	19.123	ug/L	0.00
7) Chloroethane-d5	1.542	69	778884	21.997	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	419846	20.855	ug/L	0.00
20) 2-Butanone-d5	3.776	46	1820428	280.462	ug/L	-0.02
24) Chloroform-d	4.249	84	1990922	26.553	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	903757	26.604	ug/L	0.00
32) Benzene-d6	4.956	84	3861724	28.042	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	1169318	23.212	ug/L	0.00
41) Toluene-d8	7.233	98	3696839	30.250	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	449130	29.216	ug/L	0.00
46) 2-Hexanone-d5	8.008	63	1545262	323.319	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	742877	24.194	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	1281597	24.807	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	700246	15.609	ug/L	99
3) Chloromethane	1.230	50	489056	10.019	ug/L	98
5) Vinyl chloride	1.297	62	608339	12.858	ug/L	99
6) Bromomethane	1.494	94	350951	14.411	ug/L	99
8) Chloroethane	1.558	64	426699	14.560	ug/L	99
9) Trichlorofluoromethane	1.725	101	1158108	17.623	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	752533	19.538	ug/L	99
12) 1,1-Dichloroethene	2.079	96	551070	16.073	ug/L	85
13) Acetone	2.117	43	1131938	223.977	ug/L	99
14) Carbon disulfide	2.252	76	876467	8.193	ug/L	99
15) Methyl Acetate	2.381	43	263406	20.425	ug/L #	89
16) Methylene chloride	2.455	84	750102	18.755	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	1602910	24.294	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	614363	17.756	ug/L	97
19) 1,1-Dichloroethane	3.117	63	1496242	20.626	ug/L	99
21) 2-Butanone	3.857	43	1790136	245.838	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	851430	23.598	ug/L	97
23) Bromochloromethane	4.146	128	349225	21.413	ug/L	95
25) Chloroform	4.275	83	1622991	22.050	ug/L	97
27) 1,2-Dichloroethane	5.037	62	869052	21.787	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	1373726	22.007	ug/L	99
30) Cyclohexane	4.583	56	964037	18.295	ug/L	97
31) Carbon tetrachloride	4.735	117	1196341	21.636	ug/L	98
33) Benzene	5.008	78	2972858	20.934	ug/L	100
34) Trichloroethene	5.828	95	790709	21.812	ug/L	98
35) Methylcyclohexane	6.046	83	1045753	19.202	ug/L	97
37) 1,2-Dichloropropane	6.085	63	871055	22.821	ug/L	97
38) Bromodichloromethane	6.426	83	1146528	22.590	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	1292178	25.796	ug/L	98
40) 4-Methyl-2-pentanone	7.143	43	4537624	261.915	ug/L	96
42) Toluene	7.307	91	3335200	22.996	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	1057702	24.926	ug/L	100

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

45) 1,1,2-Trichloroethane	7.757	97	606870	22.172	ug/L	97
47) Tetrachloroethene	7.895	164	685004	23.656	ug/L	97
48) 2-Hexanone	8.059	43	3190405	269.749	ug/L	99
49) Dibromochloromethane	8.165	129	766456	24.717	ug/L	100
50) 1,2-Dibromoethane	8.271	107	521305	22.000	ug/L	97
51) Chlorobenzene	8.802	112	2295456	23.843	ug/L	100
52) Ethylbenzene	8.934	91	3945396	26.293	ug/L	99
53) m,p-Xylene	9.059	106	1513229	26.625	ug/L	99
54) o-Xylene	9.464	106	1487776	27.583	ug/L	96
55) Styrene	9.484	104	2644961	28.447	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	692191	22.061	ug/L	99
59) Bromoform	9.651	173	461300	21.041	ug/L	99
60) Isopropylbenzene	9.853	105	4198692	21.240	ug/L	99
61) 1,2,3-Trichloropropane	10.194	75	470343	16.735	ug/L	98
62) 1,3,5-Trimethylbenzene	10.461	105	3401981	22.417	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	3417079	22.508	ug/L	99
64) 1,3-Dichlorobenzene	11.101	146	2065196	21.149	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	2092163	20.366	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	1869578	20.889	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.348	75	98756	16.209	ug/L	97
69) 1,3,5-Trichlorobenzene	12.567	180	1588777	24.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.181	180	1294213	25.294	ug/L	98
71) Naphthalene	13.422	128	1877752	23.925	ug/L	98
72) 1,2,3-Trichlorobenzene	13.664	180	1164989	25.140	ug/L	99

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

