

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112025\
 Data File : VV039414.D
 Acq On : 20 Nov 2025 08:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

Quant Time: Nov 21 03:06:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:43:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	294148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	337217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	247701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	187941	4.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.545	69	172149	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.072	65	88378	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.783	46	320903	48.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	4.246	84	450714	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.937	65	196695	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.953	84	810505	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	5.979	67	243493	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.233	98	792315	5.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.545	79	87665	5.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.011	63	252377	48.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.240%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	169398	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.545	152	251926	4.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	163406	5.154	ug/L	98
3) Chloromethane	1.230	50	116187	4.959	ug/L	98
5) Vinyl chloride	1.298	62	140880	5.158	ug/L	99
6) Bromomethane	1.500	94	85611	5.433	ug/L	99
8) Chloroethane	1.561	64	103621	5.178	ug/L	98
9) Trichlorofluoromethane	1.725	101	284046	5.332	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	180407	5.150	ug/L	98
12) 1,1-Dichloroethene	2.082	96	132407	5.289	ug/L	95
13) Acetone	2.118	43	262872	53.336	ug/L	100
14) Carbon disulfide	2.253	76	211940	5.108	ug/L	98
15) Methyl Acetate	2.384	43	56279	5.189	ug/L	96
16) Methylene chloride	2.455	84	171531	4.735	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	306847	5.096	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	138574	5.216	ug/L	99
19) 1,1-Dichloroethane	3.114	63	354109	5.337	ug/L	99
21) 2-Butanone	3.863	43	335378	50.187	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	175636	5.425	ug/L	98
23) Bromochloromethane	4.150	128	81893	5.565	ug/L	92
25) Chloroform	4.275	83	395042	5.451	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112025\
 Data File : VV039414.D
 Acq On : 20 Nov 2025 08:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

Quant Time: Nov 21 03:06:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:43:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	203060	5.525	ug/L	100
29) 1,1,1-Trichloroethane	4.506	97	332271	5.290	ug/L	98
30) Cyclohexane	4.580	56	171560	4.788	ug/L	98
31) Carbon tetrachloride	4.732	117	286575	5.181	ug/L	99
33) Benzene	5.005	78	692475	5.587	ug/L	100
34) Trichloroethene	5.828	95	170485	5.016	ug/L	96
35) Methylcyclohexane	6.040	83	184595	4.839	ug/L	98
37) 1,2-Dichloropropane	6.085	63	201490	5.485	ug/L #	95
38) Bromodichloromethane	6.423	83	272162	5.336	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	237398	5.091	ug/L	100
40) 4-Methyl-2-pentanone	7.143	43	916240	56.160	ug/L	99
42) Toluene	7.304	91	766205	5.781	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	212198	5.113	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	142991	5.311	ug/L	96
47) Tetrachloroethene	7.895	164	156346	5.122	ug/L	99
48) 2-Hexanone	8.059	43	686847	56.686	ug/L	98
49) Dibromochloromethane	8.162	129	179897	5.277	ug/L	99
50) 1,2-Dibromoethane	8.272	107	119908	5.314	ug/L	96
51) Chlorobenzene	8.802	112	506610	5.296	ug/L	99
52) Ethylbenzene	8.934	91	764986	5.330	ug/L	99
53) m,p-Xylene	9.059	106	303303	5.501	ug/L	98
54) o-Xylene	9.464	106	280679	5.270	ug/L	99
55) Styrene	9.484	104	546883	5.798	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.162	83	162029	5.053	ug/L	97
59) Bromoform	9.654	173	105302	4.740	ug/L	100
60) Isopropylbenzene	9.854	105	810870	5.091	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	107820	4.859	ug/L	98
62) 1,3,5-Trimethylbenzene	10.461	105	580659	4.749	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	612443	5.052	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	455761	5.206	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	465362	5.154	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	408111	5.139	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.352	75	21648	4.165	ug/L	99
69) 1,3,5-Trichlorobenzene	12.567	180	316348	4.796	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	233529	4.647	ug/L	99
71) Naphthalene	13.426	128	275295	4.445	ug/L	99
72) 1,2,3-Trichlorobenzene	13.664	180	210071	4.679	ug/L	98

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

