

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112025\
 Data File : VV039417.D
 Acq On : 20 Nov 2025 11:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

Quant Time: Nov 21 03:09:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 21 03:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	318895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	350683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	251256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	196338	4.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.545	69	175210	4.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.072	65	94472	4.749	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	3.789	46	340867	47.855	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.720%	
24) Chloroform-d	4.249	84	469532	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	4.940	65	207414	4.963	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	4.957	84	853372	5.190	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	5.982	67	247302	4.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.233	98	817061	5.415	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
43) trans-1,3-Dichloroprop...	7.545	79	88158	4.913	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.011	63	272618	50.506	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.020%	
56) 1,1,2,2-Tetrachloroeth...	10.140	84	172480	5.116	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	11.545	152	263191	4.950	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	167921	4.886	ug/L	99
3) Chloromethane	1.230	50	124580	4.904	ug/L	99
5) Vinyl chloride	1.298	62	144215	4.870	ug/L	98
6) Bromomethane	1.500	94	87311	5.111	ug/L	95
8) Chloroethane	1.564	64	106377	4.903	ug/L	98
9) Trichlorofluoromethane	1.728	101	290465	5.029	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	185347	4.880	ug/L	99
12) 1,1-Dichloroethene	2.082	96	133750	4.929	ug/L	93
13) Acetone	2.121	43	257556	48.202	ug/L	99
14) Carbon disulfide	2.252	76	217496	4.835	ug/L	100
15) Methyl Acetate	2.388	43	61695	5.246	ug/L	97
16) Methylene chloride	2.458	84	175141	4.459	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	322110	4.935	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	141813	4.924	ug/L	98
19) 1,1-Dichloroethane	3.117	63	364133	5.062	ug/L	99
21) 2-Butanone	3.863	43	346778	47.866	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	174448	4.970	ug/L	94
23) Bromochloromethane	4.153	128	85373	5.351	ug/L	94
25) Chloroform	4.275	83	403188	5.132	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	195799	4.914	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	337508	5.167	ug/L	98
30) Cyclohexane	4.580	56	180432	4.842	ug/L	93
31) Carbon tetrachloride	4.735	117	288020	5.007	ug/L	97
33) Benzene	5.008	78	696890	5.407	ug/L	100
34) Trichloroethene	5.831	95	176722	4.999	ug/L	96
35) Methylcyclohexane	6.043	83	194764	4.909	ug/L	96
37) 1,2-Dichloropropane	6.085	63	201813	5.283	ug/L	97
38) Bromodichloromethane	6.426	83	275563	5.195	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	246588	5.085	ug/L	96
40) 4-Methyl-2-pentanone	7.143	43	941907	55.516	ug/L	99
42) Toluene	7.307	91	773453	5.611	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	215266	4.988	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	139556	4.984	ug/L	97
47) Tetrachloroethene	7.895	164	162160	5.109	ug/L	96
48) 2-Hexanone	8.059	43	694072	55.083	ug/L	99
49) Dibromochloromethane	8.165	129	181494	5.119	ug/L	99
50) 1,2-Dibromoethane	8.275	107	118602	5.054	ug/L	96
51) Chlorobenzene	8.802	112	517397	5.201	ug/L	98
52) Ethylbenzene	8.934	91	784721	5.257	ug/L	98
53) m,p-Xylene	9.062	106	304624	5.313	ug/L	100
54) o-Xylene	9.468	106	294625	5.320	ug/L	94
55) Styrene	9.484	104	552607	5.634	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	163012	4.888	ug/L	100
59) Bromoform	9.654	173	108016	4.793	ug/L	96
60) Isopropylbenzene	9.853	105	842865	5.217	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	107131	4.759	ug/L	97
62) 1,3,5-Trimethylbenzene	10.461	105	604433	4.874	ug/L	98
63) 1,2,4-Trimethylbenzene	10.837	105	624642	5.080	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	456518	5.141	ug/L	100
65) 1,4-Dichlorobenzene	11.194	146	470784	5.140	ug/L	98
67) 1,2-Dichlorobenzene	11.564	146	417263	5.180	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	21735	4.122	ug/L	96
69) 1,3,5-Trichlorobenzene	12.567	180	328108	4.904	ug/L	99
70) 1,2,4-trichlorobenzene	13.184	180	240855	4.725	ug/L	98
71) Naphthalene	13.426	128	284477	4.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.667	180	214885	4.718	ug/L	98

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

