

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039092.D
 Acq On : 16 Sep 2025 09:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Quant Time: Sep 17 02:17:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	372292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	385307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	202288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	136586	4.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.545	69	125951	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.069	65	65232	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.796	46	218645	50.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	4.249	84	302562	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	4.944	65	122358	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.960	84	533552	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	5.985	67	162209	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.236	98	501189	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.551	79	56930	4.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.014	63	191088	51.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.420%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	120933	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.548	152	156569	4.809	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	221804	5.682	ug/L	100
3) Chloromethane	1.227	50	203310	5.304	ug/L	98
5) Vinyl chloride	1.294	62	222226	5.451	ug/L	100
6) Bromomethane	1.500	94	111397	4.791	ug/L	97
8) Chloroethane	1.561	64	137991	5.433	ug/L	99
9) Trichlorofluoromethane	1.725	101	302079	5.501	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	184508	5.454	ug/L	99
12) 1,1-Dichloroethene	2.082	96	163832	5.360	ug/L	96
13) Acetone	2.127	43	202532	55.206	ug/L	100
14) Carbon disulfide	2.252	76	569097	5.442	ug/L	100
15) Methyl Acetate	2.391	43	46105	5.005	ug/L	92
16) Methylene chloride	2.455	84	178821	5.198	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	269865	5.135	ug/L	100
18) trans-1,2-Dichloroethene	2.706	96	170741	5.488	ug/L	99
19) 1,1-Dichloroethane	3.117	63	318007	5.572	ug/L	99
21) 2-Butanone	3.876	43	246558	50.666	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	164685	5.423	ug/L	99
23) Bromochloromethane	4.153	128	79150	5.698	ug/L	96
25) Chloroform	4.278	83	335475	5.673	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039092.D
 Acq On : 16 Sep 2025 09:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Quant Time: Sep 17 02:17:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	173809	5.729	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	294164	5.544	ug/L	97
30) Cyclohexane	4.584	56	246334	5.236	ug/L	98
31) Carbon tetrachloride	4.735	117	268605	5.586	ug/L	98
33) Benzene	5.008	78	691478	5.701	ug/L	100
34) Trichloroethene	5.831	95	176074	5.386	ug/L	98
35) Methylcyclohexane	6.047	83	265377	5.188	ug/L	98
37) 1,2-Dichloropropane	6.088	63	178265	5.667	ug/L	99
38) Bromodichloromethane	6.426	83	232022	5.674	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	218218	5.230	ug/L	97
40) 4-Methyl-2-pentanone	7.146	43	697896	56.000	ug/L	100
42) Toluene	7.307	91	756344	5.983	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	185890	5.482	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	123641	5.724	ug/L	93
47) Tetrachloroethene	7.899	164	138235	5.409	ug/L	96
48) 2-Hexanone	8.063	43	503856	58.158	ug/L	99
49) Dibromochloromethane	8.169	129	143342	5.669	ug/L	97
50) 1,2-Dibromoethane	8.275	107	109984	5.675	ug/L	97
51) Chlorobenzene	8.805	112	454963	5.577	ug/L	99
52) Ethylbenzene	8.937	91	726671	5.580	ug/L	99
53) m,p-Xylene	9.063	106	293980	5.804	ug/L	98
54) o-Xylene	9.468	106	261761	5.633	ug/L	100
55) Styrene	9.487	104	498579	6.073	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.165	83	137893	5.728	ug/L	99
59) Bromoform	9.654	173	74327	5.179	ug/L	100
60) Isopropylbenzene	9.857	105	716902	5.298	ug/L	100
61) 1,2,3-Trichloropropane	10.198	75	92203	5.411	ug/L	97
62) 1,3,5-Trimethylbenzene	10.464	105	526109	5.065	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	526916	5.164	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	356852	5.405	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	370107	5.419	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	316685	5.413	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	18812	5.067	ug/L	95
69) 1,3,5-Trichlorobenzene	12.567	180	216560	5.005	ug/L	100
70) 1,2,4-trichlorobenzene	13.185	180	159492	4.896	ug/L	98
71) Naphthalene	13.426	128	231928	4.672	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	145617	5.014	ug/L	99

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

Quant Time: Sep 17 02:17:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 16 02:04:20 2025
Response via : Initial Calibration

