

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039073.D
 Acq On : 15 Sep 2025 12:49
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

Quant Time: Sep 16 02:14:49 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	423470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	418147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	215562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	171700	5.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.800%	
7) Chloroethane-d5	1.542	69	148303	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 102.400%	
11) 1,1-Dichloroethene-d2	2.069	65	77474	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 97.400%	
20) 2-Butanone-d5	3.796	46	255827	51.572	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 103.140%	
24) Chloroform-d	4.249	84	335193	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.400%	
26) 1,2-Dichloroethane-d4	4.944	65	141240	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.400%	
32) Benzene-d6	4.957	84	623339	5.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.000%	
36) 1,2-Dichloropropane-d6	5.982	67	175003	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 102.400%	
41) Toluene-d8	7.236	98	576376	5.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.600%	
43) trans-1,3-Dichloroprop...	7.548	79	65290	5.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 104.400%	
46) 2-Hexanone-d5	8.014	63	212671	52.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 105.020%	
56) 1,1,2,2-Tetrachloroeth...	10.140	84	132212	5.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 108.200%	
66) 1,2-Dichlorobenzene-d4	11.548	152	174274	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	228506	5.146	ug/L	100
3) Chloromethane	1.227	50	215753	4.948	ug/L	99
5) Vinyl chloride	1.294	62	237482	5.121	ug/L	98
6) Bromomethane	1.500	94	129082	4.881	ug/L	97
8) Chloroethane	1.561	64	146811	5.081	ug/L	98
9) Trichlorofluoromethane	1.725	101	314680	5.038	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	198136	5.149	ug/L	98
12) 1,1-Dichloroethene	2.079	96	172906	4.973	ug/L	96
13) Acetone	2.127	43	229676	55.039	ug/L	99
14) Carbon disulfide	2.249	76	578924	4.867	ug/L	99
15) Methyl Acetate	2.388	43	52275	4.989	ug/L	97
16) Methylene chloride	2.455	84	197483	5.046	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	306200	5.122	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	179776	5.080	ug/L	97
19) 1,1-Dichloroethane	3.117	63	333115	5.132	ug/L	98
21) 2-Butanone	3.873	43	264329	47.753	ug/L	89
22) cis-1,2-Dichloroethene	3.818	96	179013	5.182	ug/L	99
23) Bromochloromethane	4.153	128	81152	5.136	ug/L	91
25) Chloroform	4.275	83	345132	5.131	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	178575	5.175	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	306692	5.326	ug/L	98
30) Cyclohexane	4.580	56	270967	5.307	ug/L	99
31) Carbon tetrachloride	4.731	117	272259	5.217	ug/L	98
33) Benzene	5.008	78	726431	5.519	ug/L	100
34) Trichloroethene	5.828	95	185983	5.242	ug/L	98
35) Methylcyclohexane	6.043	83	288608	5.199	ug/L	99
37) 1,2-Dichloropropane	6.088	63	181679	5.322	ug/L	100
38) Bromodichloromethane	6.426	83	231719	5.222	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	234613	5.181	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	731344	54.075	ug/L	98
42) Toluene	7.307	91	759847	5.539	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	196614	5.343	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	123497	5.268	ug/L	95
47) Tetrachloroethene	7.895	164	146746	5.291	ug/L	99
48) 2-Hexanone	8.063	43	521237	55.439	ug/L	99
49) Dibromochloromethane	8.165	129	143787	5.240	ug/L	97
50) 1,2-Dibromoethane	8.275	107	110326	5.245	ug/L	99
51) Chlorobenzene	8.802	112	468013	5.286	ug/L	99
52) Ethylbenzene	8.937	91	764779	5.412	ug/L	99
53) m,p-Xylene	9.062	106	297451	5.411	ug/L	96
54) o-Xylene	9.468	106	276859	5.490	ug/L	97
55) Styrene	9.487	104	507429	5.695	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	138427	5.298	ug/L	97
59) Bromoform	9.654	173	75799	4.957	ug/L	99
60) Isopropylbenzene	9.857	105	752000	5.215	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	88428	4.870	ug/L	96
62) 1,3,5-Trimethylbenzene	10.464	105	563152	5.088	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	557577	5.128	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	359654	5.112	ug/L	97
65) 1,4-Dichlorobenzene	11.197	146	363365	4.992	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	317385	5.091	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	19471	4.922	ug/L	93
69) 1,3,5-Trichlorobenzene	12.570	180	214845	4.660	ug/L	98
70) 1,2,4-trichlorobenzene	13.185	180	152781	4.401	ug/L	96
71) Naphthalene	13.426	128	231512	4.377	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	150773	4.871	ug/L	98

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

