

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039409.D
 Acq On : 19 Nov 2025 12:30
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV265

Quant Time: Nov 20 03:50:59 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	343751	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	366605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	258591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	224300	4.748	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.545	69	193132	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.069	65	101225	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.786	46	381560	49.695	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.380%
24) Chloroform-d	4.249	84	472465	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.940	65	211689	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.956	84	883552	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.982	67	298507	5.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%
41) Toluene-d8	7.233	98	846914	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	7.548	79	94710	5.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.011	63	292112	51.767	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	175512	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.548	152	273648	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	179341	4.841	ug/L	98
3) Chloromethane	1.227	50	129042	4.713	ug/L	100
5) Vinyl chloride	1.297	62	154547	4.842	ug/L	99
6) Bromomethane	1.500	94	92017	4.997	ug/L	97
8) Chloroethane	1.561	64	109232	4.670	ug/L	100
9) Trichlorofluoromethane	1.725	101	297405	4.777	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	194983	4.763	ug/L	99
12) 1,1-Dichloroethene	2.082	96	142886	4.884	ug/L	96
13) Acetone	2.117	43	267403	46.426	ug/L	99
14) Carbon disulfide	2.252	76	226093	4.663	ug/L	98
15) Methyl Acetate	2.387	43	63612	5.018	ug/L	97
16) Methylene chloride	2.455	84	236387	5.584	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	360765	5.127	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	149346	4.811	ug/L	98
19) 1,1-Dichloroethane	3.117	63	380809	4.911	ug/L	97
21) 2-Butanone	3.863	43	372248	47.667	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	193447	5.113	ug/L	98
23) Bromochloromethane	4.149	128	86247	5.015	ug/L	97
25) Chloroform	4.275	83	405954	4.794	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	218840	5.095	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	344635	5.047	ug/L	99
30) Cyclohexane	4.580	56	208647	5.356	ug/L	96
31) Carbon tetrachloride	4.731	117	299264	4.976	ug/L	97
33) Benzene	5.005	78	729060	5.411	ug/L	100
34) Trichloroethene	5.828	95	191758	5.189	ug/L	97
35) Methylcyclohexane	6.043	83	219515	5.293	ug/L	99
37) 1,2-Dichloropropane	6.085	63	206834	5.179	ug/L	98
38) Bromodichloromethane	6.426	83	277528	5.005	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	271578	5.357	ug/L	96
40) 4-Methyl-2-pentanone	7.143	43	1002578	56.525	ug/L	100
42) Toluene	7.307	91	800465	5.555	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	234307	5.193	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	142396	4.865	ug/L	95
47) Tetrachloroethene	7.895	164	170148	5.128	ug/L	94
48) 2-Hexanone	8.062	43	730043	55.421	ug/L	98
49) Dibromochloromethane	8.165	129	181938	4.909	ug/L	99
50) 1,2-Dibromoethane	8.275	107	126962	5.175	ug/L	99
51) Chlorobenzene	8.802	112	552119	5.309	ug/L	98
52) Ethylbenzene	8.934	91	845988	5.421	ug/L	100
53) m,p-Xylene	9.062	106	330261	5.510	ug/L	98
54) o-Xylene	9.468	106	315030	5.441	ug/L	97
55) Styrene	9.484	104	579483	5.651	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	171053	4.907	ug/L	98
59) Bromoform	9.654	173	110585	4.768	ug/L	99
60) Isopropylbenzene	9.853	105	905421	5.445	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	112098	4.839	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	664162	5.204	ug/L	100
63) 1,2,4-Trimethylbenzene	10.837	105	685310	5.415	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	482635	5.281	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	485989	5.156	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	433279	5.226	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	25209	4.645	ug/L	99
69) 1,3,5-Trichlorobenzene	12.567	180	355737	5.166	ug/L	99
70) 1,2,4-trichlorobenzene	13.184	180	263264	5.018	ug/L	97
71) Naphthalene	13.426	128	326719	5.053	ug/L	97
72) 1,2,3-Trichlorobenzene	13.667	180	234316	4.999	ug/L	99

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

