

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039072.D
 Acq On : 15 Sep 2025 12:08
 Operator : SY/MD
 Sample : VSTD0.558
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:38:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 01:35:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	395264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	391585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	164967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	15227	0.474	ug/L	0.00
7) Chloroethane-d5	1.545	69	13113	0.467	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	7693	0.515	ug/L	0.00
20) 2-Butanone-d5	3.928	46	21222m	4.921	ug/L	0.12
24) Chloroform-d	4.265	84	27869	0.457	ug/L	0.01
26) 1,2-Dichloroethane-d4	4.969	65	11882	0.474	ug/L	0.03
32) Benzene-d6	4.976	84	47966	0.436	ug/L	0.02
36) 1,2-Dichloropropane-d6	6.001	67	14470	0.457	ug/L	0.02
41) Toluene-d8	7.252	98	37788	0.384	ug/L	0.02
43) trans-1,3-Dichloroprop...	7.577	79	5072	0.431	ug/L	0.03
46) 2-Hexanone-d5	8.043	63	14643m	3.990	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	10206	0.427	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	12864	0.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.117	85	19962	0.452	ug/L	97
3) Chloromethane	1.227	50	20910	0.480	ug/L	99
5) Vinyl chloride	1.294	62	20839	0.452	ug/L	100
6) Bromomethane	1.500	94	13407	0.523	ug/L	83
8) Chloroethane	1.561	64	13526	0.469	ug/L	95
9) Trichlorofluoromethane	1.725	101	28399	0.451	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	17197	0.445	ug/L	97
12) 1,1-Dichloroethene	2.082	96	16169	0.460	ug/L	90
13) Acetone	2.140	43	18595	4.436	ug/L	93
14) Carbon disulfide	2.252	76	57346	0.498	ug/L	98
15) Methyl Acetate	2.416	43	4267	0.404	ug/L #	70
16) Methylene chloride	2.461	84	22073	0.446	ug/L	94
17) Methyl tert-butyl Ether	2.715	73	25245	0.417	ug/L	98
18) trans-1,2-Dichloroethene	2.715	96	15909	0.448	ug/L	92
19) 1,1-Dichloroethane	3.124	63	28432	0.440	ug/L	98
21) 2-Butanone	3.960	43	24627m	5.195	ug/L	
22) cis-1,2-Dichloroethene	3.844	96	14306	0.419	ug/L	94
23) Bromochloromethane	4.169	128	7284	0.477	ug/L	82
25) Chloroform	4.294	83	29989	0.442	ug/L	97
27) 1,2-Dichloroethane	5.069	62	15045	0.439	ug/L #	90
29) 1,1,1-Trichloroethane	4.522	97	25112	0.413	ug/L	93
30) Cyclohexane	4.590	56	20252	0.389	ug/L #	89
31) Carbon tetrachloride	4.741	117	23227	0.442	ug/L	100
33) Benzene	5.024	78	53387	0.398	ug/L	100
34) Trichloroethene	5.850	95	15601	0.432	ug/L	89
35) Methylcyclohexane	6.046	83	23859	0.430	ug/L	94
37) 1,2-Dichloropropane	6.101	63	15767m	0.477	ug/L	
38) Bromodichloromethane	6.442	83	19731	0.438	ug/L	98
39) cis-1,3-Dichloropropene	6.972	75	18894m	0.422	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	52574m	3.995	ug/L	
42) Toluene	7.320	91	50939	0.363	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	14524	0.385	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	10551	0.445	ug/L	93
47) Tetrachloroethene	7.905	164	12562	0.450	ug/L	89
48) 2-Hexanone	8.088	43	36358m	4.188	ug/L	
49) Dibromochloromethane	8.175	129	11457	0.403	ug/L	99
50) 1,2-Dibromoethane	8.287	107	9016	0.418	ug/L #	87
51) Chlorobenzene	8.812	112	38103	0.416	ug/L	91
52) Ethylbenzene	8.943	91	51744	0.355	ug/L	100
53) m,p-Xylene	9.075	106	19072	0.337	ug/L	99
54) o-Xylene	9.474	106	16953	0.331	ug/L	95
55) Styrene	9.500	104	29028m	0.326	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	11835	0.433	ug/L	98
59) Bromoform	9.670	173	6080	0.484	ug/L #	97
60) Isopropylbenzene	9.860	105	46606	0.381	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	7388	0.460	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.467	105	32859	0.353	ug/L	95
63) 1,2,4-Trimethylbenzene	10.847	105	33340	0.369	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	25767	0.440	ug/L	94
65) 1,4-Dichlorobenzene	11.201	146	27921	0.463	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	22192	0.426	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.361	75	1791	0.526	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.577	180	17756	0.477	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	13227	0.462	ug/L	99
71) Naphthalene	13.438	128	16927	0.382	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	11725	0.458	ug/L	90

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

