

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039070.D
 Acq On : 15 Sep 2025 11:03
 Operator : SY/MD
 Sample : VSTD02057
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02057

Quant Time: Sep 16 01:38:21 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	458937	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	452911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	240629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	706798	18.932	ug/L	0.00
7) Chloroethane-d5	1.542	69	622569	19.102	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	324838	18.744	ug/L	0.00
20) 2-Butanone-d5	3.780	46	1258685	251.388	ug/L	-0.03
24) Chloroform-d	4.249	84	1411784	19.960	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	600737	20.620	ug/L	0.00
32) Benzene-d6	4.957	84	2710349	21.324	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	793169	21.647	ug/L	0.00
41) Toluene-d8	7.236	98	2547582	22.362	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	315329	23.167	ug/L	0.00
46) 2-Hexanone-d5	8.011	63	1168035	275.198	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	562891	20.340	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	821492	20.845	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	908117	17.699	ug/L	100
3) Chloromethane	1.227	50	856918	16.942	ug/L	99
5) Vinyl chloride	1.294	62	954035	17.805	ug/L	99
6) Bromomethane	1.494	94	548583	18.416	ug/L	98
8) Chloroethane	1.558	64	576361	17.197	ug/L	99
9) Trichlorofluoromethane	1.722	101	1276997	17.450	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	773197	17.213	ug/L	99
12) 1,1-Dichloroethene	2.079	96	707378	17.316	ug/L	94
13) Acetone	2.121	43	976734	200.684	ug/L	98
14) Carbon disulfide	2.249	76	2432415	18.204	ug/L	100
15) Methyl Acetate	2.381	43	225414	18.368	ug/L	98
16) Methylene chloride	2.455	84	724154	12.616	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	1429010	20.325	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	766544	18.609	ug/L	98
19) 1,1-Dichloroethane	3.118	63	1356306	18.069	ug/L	98
21) 2-Butanone	3.860	43	1320051	239.825	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	828586	20.906	ug/L	98
23) Bromochloromethane	4.146	128	329916	18.618	ug/L	96
25) Chloroform	4.278	83	1401071	17.803	ug/L	100
27) 1,2-Dichloroethane	5.037	62	771202	19.384	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	1253500	17.841	ug/L	99
30) Cyclohexane	4.584	56	1316735	21.841	ug/L	99
31) Carbon tetrachloride	4.735	117	1102369	18.130	ug/L	100
33) Benzene	5.008	78	3056362	19.685	ug/L	100
34) Trichloroethene	5.828	95	808150	19.348	ug/L	98
35) Methylcyclohexane	6.047	83	1407735	21.957	ug/L	97
37) 1,2-Dichloropropane	6.088	63	763301	19.950	ug/L	100
38) Bromodichloromethane	6.426	83	962756	18.479	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1166171	22.523	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	3440195	226.001	ug/L	97
42) Toluene	7.307	91	3320064	20.434	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	918916	21.036	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	512224	18.675	ug/L	98
47) Tetrachloroethene	7.895	164	614638	19.056	ug/L	98
48) 2-Hexanone	8.063	43	2373842	236.437	ug/L	98
49) Dibromochloromethane	8.169	129	612020	18.616	ug/L	97
50) 1,2-Dibromoethane	8.272	107	481183	19.282	ug/L	96
51) Chlorobenzene	8.802	112	2047934	19.323	ug/L	99
52) Ethylbenzene	8.937	91	3668808	21.767	ug/L	97
53) m,p-Xylene	9.063	106	1428935	21.861	ug/L	99
54) o-Xylene	9.468	106	1347214	22.773	ug/L	99
55) Styrene	9.484	104	2351092	22.831	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	569330	17.991	ug/L	99
59) Bromoform	9.654	173	328302	17.900	ug/L	99
60) Isopropylbenzene	9.857	105	3698677	20.731	ug/L	100
61) 1,2,3-Trichloropropane	10.198	75	386952	16.519	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	3009230	22.171	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	2951440	22.409	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	1614353	18.920	ug/L	98
65) 1,4-Dichlorobenzene	11.194	146	1636479	18.613	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	1445743	19.020	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	83452	16.812	ug/L	93
69) 1,3,5-Trichlorobenzene	12.567	180	1094963	20.169	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	883364	21.158	ug/L	98
71) Naphthalene	13.423	128	1531243	23.682	ug/L	99
72) 1,2,3-Trichlorobenzene	13.664	180	767635	20.570	ug/L	99

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

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