

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091525\
 Data File : VW039069.D
 Acq On : 15 Sep 2025 10:42
 Operator : SY/MD
 Sample : VSTD01056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

Quant Time: Sep 16 01:37:47 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	410947	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	419444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	221135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	352294	10.538	ug/L	0.00
7) Chloroethane-d5	1.545	69	305806	10.478	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	160370	10.335	ug/L	0.00
20) 2-Butanone-d5	3.793	46	541019	120.672	ug/L	-0.01
24) Chloroform-d	4.249	84	682375	10.774	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	286287	10.974	ug/L	0.00
32) Benzene-d6	4.956	84	1305302	11.089	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	386047	11.377	ug/L	0.00
41) Toluene-d8	7.236	98	1218226	11.547	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	143038	11.348	ug/L	0.00
46) 2-Hexanone-d5	8.011	63	498238	126.755	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	269437	10.513	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	380317	10.501	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	448206	9.755	ug/L	99
3) Chloromethane	1.227	50	433289	9.567	ug/L	97
5) Vinyl chloride	1.294	62	473077	9.860	ug/L	98
6) Bromomethane	1.500	94	261401	9.800	ug/L	100
8) Chloroethane	1.561	64	294221	9.804	ug/L	99
9) Trichlorofluoromethane	1.725	101	636066	9.707	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	390625	9.712	ug/L	99
12) 1,1-Dichloroethene	2.079	96	354446	9.690	ug/L	91
13) Acetone	2.130	43	450283	103.321	ug/L	99
14) Carbon disulfide	2.249	76	1204026	10.063	ug/L	99
15) Methyl Acetate	2.387	43	112707	10.256	ug/L	99
16) Methylene chloride	2.455	84	361776	7.039	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	639270	10.154	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	365088	9.898	ug/L	99
19) 1,1-Dichloroethane	3.117	63	666304	9.913	ug/L	97
21) 2-Butanone	3.870	43	601890	122.121	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	381192	10.741	ug/L	98
23) Bromochloromethane	4.149	128	160347	10.106	ug/L	97
25) Chloroform	4.275	83	680291	9.654	ug/L	99
27) 1,2-Dichloroethane	5.040	62	368842	10.354	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	611086	9.391	ug/L	99
30) Cyclohexane	4.583	56	596426	10.682	ug/L	100
31) Carbon tetrachloride	4.735	117	544089	9.662	ug/L	100
33) Benzene	5.008	78	1475487	10.262	ug/L	100
34) Trichloroethene	5.831	95	378599	9.788	ug/L	98
35) Methylcyclohexane	6.046	83	636473	10.719	ug/L	99
37) 1,2-Dichloropropane	6.088	63	372025	10.499	ug/L	100
38) Bromodichloromethane	6.426	83	468137	9.702	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	523073	10.909	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	1590494	112.823	ug/L	98
42) Toluene	7.307	91	1593662	10.591	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	421606	10.421	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	246501	9.704	ug/L	97
47) Tetrachloroethene	7.898	164	295921	9.907	ug/L	98
48) 2-Hexanone	8.062	43	1108638	119.232	ug/L	99
49) Dibromochloromethane	8.165	129	294713	9.680	ug/L	97
50) 1,2-Dibromoethane	8.275	107	227702	9.853	ug/L	99
51) Chlorobenzene	8.802	112	964323	9.825	ug/L	99
52) Ethylbenzene	8.937	91	1688423	10.817	ug/L	97
53) m,p-Xylene	9.062	106	666617	11.012	ug/L	98
54) o-Xylene	9.468	106	619248	11.303	ug/L	99
55) Styrene	9.484	104	1110272	11.642	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.165	83	277990	9.485	ug/L	98
59) Bromoform	9.654	173	155431	9.222	ug/L	99
60) Isopropylbenzene	9.857	105	1674310	10.212	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	184959	8.592	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	1335813	10.709	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	1318640	10.895	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	760130	9.694	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	776278	9.608	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	680937	9.748	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	36826	8.073	ug/L	93
69) 1,3,5-Trichlorobenzene	12.567	180	499414	10.010	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	360783	9.403	ug/L	96
71) Naphthalene	13.426	128	590703	9.941	ug/L	99
72) 1,2,3-Trichlorobenzene	13.667	180	343669	10.021	ug/L	99

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

