

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091625\
 Data File : VW039117.D
 Acq On : 16 Sep 2025 19:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: Sep 17 05:04:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	442480	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	475121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	215457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	116528	3.339	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.542	69	114510	3.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.069	65	57337	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.793	46	272362	52.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.100%
24) Chloroform-d	4.256	84	294357	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.947	65	125895	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.963	84	510606	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	5.989	67	157999	4.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.240	98	472981	4.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.551	79	59280	4.171	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.018	63	225988	49.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.220%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	118539	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.548	152	137953	3.978	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	216688	4.670	ug/L	99
3) Chloromethane	1.227	50	216550	4.753	ug/L	100
5) Vinyl chloride	1.294	62	229844	4.744	ug/L	99
6) Bromomethane	1.497	94	130613	4.727	ug/L	98
8) Chloroethane	1.561	64	146697	4.859	ug/L	99
9) Trichlorofluoromethane	1.725	101	320246	4.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	185626	4.616	ug/L	97
12) 1,1-Dichloroethene	2.082	96	171160	4.711	ug/L	92
13) Acetone	2.121	43	235699	54.055	ug/L	100
14) Carbon disulfide	2.253	76	587621	4.728	ug/L	100
15) Methyl Acetate	2.391	43	63248	5.777	ug/L	93
16) Methylene chloride	2.458	84	205561	5.027	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	334069	5.348	ug/L	97
18) trans-1,2-Dichloroethene	2.706	96	184920	5.000	ug/L	95
19) 1,1-Dichloroethane	3.118	63	357125	5.265	ug/L	97
21) 2-Butanone	3.873	43	315704	54.584	ug/L	97
22) cis-1,2-Dichloroethene	3.822	96	185841	5.149	ug/L	95
23) Bromochloromethane	4.156	128	79965	4.843	ug/L	90
25) Chloroform	4.282	83	364639	5.188	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	204628	5.675	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	318741	4.872	ug/L	96
30) Cyclohexane	4.587	56	294703	5.080	ug/L	94
31) Carbon tetrachloride	4.738	117	275524	4.647	ug/L	98
33) Benzene	5.011	78	775753	5.187	ug/L	100
34) Trichloroethene	5.831	95	197886	4.909	ug/L	94
35) Methylcyclohexane	6.050	83	288001	4.566	ug/L	97
37) 1,2-Dichloropropane	6.092	63	196021	5.054	ug/L	99
38) Bromodichloromethane	6.429	83	257122	5.099	ug/L	96
39) cis-1,3-Dichloropropene	6.950	75	257439	5.003	ug/L	97
40) 4-Methyl-2-pentanone	7.150	43	935680	60.888	ug/L	98
42) Toluene	7.310	91	838031	5.376	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	214520	5.130	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	139704	5.245	ug/L	98
47) Tetrachloroethene	7.899	164	149857	4.756	ug/L	97
48) 2-Hexanone	8.066	43	665559	62.301	ug/L	97
49) Dibromochloromethane	8.169	129	162645	5.217	ug/L	95
50) 1,2-Dibromoethane	8.278	107	125287	5.243	ug/L	100
51) Chlorobenzene	8.805	112	519482	5.164	ug/L	99
52) Ethylbenzene	8.937	91	837179	5.213	ug/L	99
53) m,p-Xylene	9.066	106	322318	5.161	ug/L	97
54) o-Xylene	9.468	106	282725	4.934	ug/L	99
55) Styrene	9.487	104	524514	5.181	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.166	83	153014	5.154	ug/L	98
59) Bromoform	9.657	173	71230	4.660	ug/L	99
60) Isopropylbenzene	9.857	105	781420	5.422	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	101525	5.594	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	564118	5.099	ug/L	98
63) 1,2,4-Trimethylbenzene	10.841	105	562159	5.173	ug/L	98
64) 1,3-Dichlorobenzene	11.104	146	358900	5.104	ug/L	97
65) 1,4-Dichlorobenzene	11.198	146	370467	5.092	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	315946	5.070	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	21392	5.410	ug/L	95
69) 1,3,5-Trichlorobenzene	12.571	180	213743	4.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	162250	4.676	ug/L	99
71) Naphthalene	13.426	128	250346	4.735	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	146615	4.739	ug/L	98

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

