

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039066.D
 Acq On : 15 Sep 2025 08:45
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 01:36:00 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	5.532	114	347552	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	354004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	144494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	14299	0.506	ug/L	0.00
7) Chloroethane-d5	1.545	69	12707	0.515	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	6484	0.494	ug/L	0.00
20) 2-Butanone-d5	3.918	46	18036m	4.757	ug/L	0.11
24) Chloroform-d	4.262	84	25828	0.482	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.969	65	10477	0.475	ug/L	0.03
32) Benzene-d6	4.969	84	40689	0.410	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	13577	0.474	ug/L	0.02
41) Toluene-d8	7.246	98	34831	0.391	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	4287	0.403	ug/L	0.02
46) 2-Hexanone-d5	8.040	63	12213m	3.681	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	10421	0.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	11832	0.500	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	17698	0.455	ug/L	95
3) Chloromethane	1.227	50	16447	0.429	ug/L	96
5) Vinyl chloride	1.294	62	17469	0.430	ug/L	100
6) Bromomethane	1.500	94	10539	0.467	ug/L	93
8) Chloroethane	1.561	64	11873	0.468	ug/L	99
9) Trichlorofluoromethane	1.725	101	23594	0.426	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	13625	0.401	ug/L #	89
12) 1,1-Dichloroethene	2.082	96	12833	0.415	ug/L	87
14) Carbon disulfide	2.252	76	46946	0.464	ug/L	95
15) Methyl Acetate	2.407	43	4274m	0.460	ug/L	
16) Methylene chloride	2.458	84	17507	0.403	ug/L	93
17) Methyl tert-butyl Ether	2.715	73	19423	0.365	ug/L	98
18) trans-1,2-Dichloroethene	2.709	96	12337	0.395	ug/L	90
19) 1,1-Dichloroethane	3.121	63	24470	0.430	ug/L	97
21) 2-Butanone	3.966	43	18745m	4.497	ug/L	
22) cis-1,2-Dichloroethene	3.834	96	11036m	0.368	ug/L	
23) Bromochloromethane	4.162	128	5594	0.417	ug/L #	81
25) Chloroform	4.294	83	25490	0.428	ug/L	88
27) 1,2-Dichloroethane	5.063	62	10953	0.364	ug/L	94
29) 1,1,1-Trichloroethane	4.516	97	22135	0.403	ug/L #	88
30) Cyclohexane	4.580	56	14291	0.303	ug/L	94
31) Carbon tetrachloride	4.738	117	19815	0.417	ug/L	97
33) Benzene	5.018	78	40405	0.333	ug/L	100
34) Trichloroethene	5.844	95	12018	0.368	ug/L	92
35) Methylcyclohexane	6.043	83	20550	0.410	ug/L #	84
37) 1,2-Dichloropropane	6.104	63	10714	0.358	ug/L	100
38) Bromodichloromethane	6.439	83	15630	0.384	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	13456	0.332	ug/L	95
40) 4-Methyl-2-pentanone	7.162	43	36481m	3.066	ug/L	
42) Toluene	7.320	91	38772	0.305	ug/L	97
44) trans-1,3-Dichloropropene	7.606	75	11979m	0.351	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	8609	0.402	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.902	164	9716	0.385	ug/L	95
48) 2-Hexanone	8.088	43	26589m	3.388	ug/L	
49) Dibromochloromethane	8.175	129	9958	0.388	ug/L	89
50) 1,2-Dibromoethane	8.288	107	6768	0.347	ug/L #	93
51) Chlorobenzene	8.812	112	30495	0.368	ug/L	99
52) Ethylbenzene	8.943	91	41520	0.315	ug/L	94
53) m,p-Xylene	9.072	106	13414	0.263	ug/L	97
54) o-Xylene	9.474	106	12779	0.276	ug/L	100
55) Styrene	9.500	104	19848	0.247	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	9321	0.377	ug/L #	95
59) Bromoform	9.660	173	5188	0.471	ug/L #	93
60) Isopropylbenzene	9.860	105	36846	0.344	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	5449	0.387	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.468	105	28514	0.350	ug/L	96
63) 1,2,4-Trimethylbenzene	10.844	105	25825	0.327	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	19131	0.373	ug/L	95
65) 1,4-Dichlorobenzene	11.197	146	20254	0.384	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	16194	0.355	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.361	75	1122	0.376	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.577	180	13999	0.429	ug/L	93
70) 1,2,4-trichlorobenzene	13.194	180	9884	0.394	ug/L	98
71) Naphthalene	13.435	128	13635	0.351	ug/L	96
72) 1,2,3-Trichlorobenzene	13.670	180	8729	0.390	ug/L	89

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

