

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039067.D
 Acq On : 15 Sep 2025 09:55
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254

Manual Integrations
 APPROVED

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

Quant Time: Sep 16 01:36:39 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	366192	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	377065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	160227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	27368	0.919	ug/L	0.00
7) Chloroethane-d5	1.545	69	22750	0.875	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	13120	0.949	ug/L	0.00
20) 2-Butanone-d5	3.850	46	34037m	8.520	ug/L	0.05
24) Chloroform-d	4.259	84	52627	0.932	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.956	65	21506	0.925	ug/L	0.01
32) Benzene-d6	4.963	84	82965	0.784	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	26491	0.868	ug/L	0.00
41) Toluene-d8	7.243	98	69781	0.736	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	9025	0.796	ug/L	0.01
46) 2-Hexanone-d5	8.030	63	24602m	6.962	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.146	84	18764	0.814	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	23257	0.886	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	38397	0.938	ug/L	100
3) Chloromethane	1.227	50	39047	0.968	ug/L	100
5) Vinyl chloride	1.294	62	40770	0.954	ug/L	99
6) Bromomethane	1.500	94	21598	0.909	ug/L	97
8) Chloroethane	1.561	64	24790	0.927	ug/L	98
9) Trichlorofluoromethane	1.725	101	53164	0.910	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	33854	0.945	ug/L	98
12) 1,1-Dichloroethene	2.079	96	29003	0.890	ug/L	94
13) Acetone	2.140	43	34008	8.757	ug/L	94
14) Carbon disulfide	2.252	76	100868	0.946	ug/L	99
15) Methyl Acetate	2.404	43	9584m	0.979	ug/L	
16) Methylene chloride	2.458	84	34768	0.759	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	45057	0.803	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	28749	0.875	ug/L	98
19) 1,1-Dichloroethane	3.117	63	55670	0.929	ug/L	98
21) 2-Butanone	3.931	43	43798m	9.972	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	25182	0.796	ug/L	99
23) Bromochloromethane	4.165	128	13350	0.944	ug/L	88
25) Chloroform	4.278	83	57649	0.918	ug/L	100
27) 1,2-Dichloroethane	5.059	62	25703	0.810	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	49119	0.840	ug/L	97
30) Cyclohexane	4.583	56	35392	0.705	ug/L	94
31) Carbon tetrachloride	4.735	117	46902	0.927	ug/L	97
33) Benzene	5.018	78	100822	0.780	ug/L	100
34) Trichloroethene	5.841	95	29339	0.844	ug/L	97
35) Methylcyclohexane	6.043	83	37829	0.709	ug/L	94
37) 1,2-Dichloropropane	6.098	63	26478	0.831	ug/L #	90
38) Bromodichloromethane	6.436	83	38725	0.893	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	31434	0.729	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	95150m	7.508	ug/L	
42) Toluene	7.313	91	101035	0.747	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	26847	0.738	ug/L	93

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

45) 1,1,2-Trichloroethane	7.767	97	19958	0.874	ug/L	95
47) Tetrachloroethene	7.898	164	22667	0.844	ug/L	96
48) 2-Hexanone	8.079	43	66832m	7.995	ug/L	
49) Dibromochloromethane	8.169	129	23267	0.850	ug/L	99
50) 1,2-Dibromoethane	8.284	107	17123	0.824	ug/L	97
51) Chlorobenzene	8.805	112	71209	0.807	ug/L	97
52) Ethylbenzene	8.940	91	98366	0.701	ug/L	99
53) m,p-Xylene	9.069	106	38372	0.705	ug/L	99
54) o-Xylene	9.471	106	34811	0.707	ug/L	97
55) Styrene	9.493	104	57219m	0.667	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.168	83	21508	0.816	ug/L	89
59) Bromoform	9.664	173	11449	0.937	ug/L #	96
60) Isopropylbenzene	9.857	105	89604	0.754	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	13240	0.849	ug/L	97
62) 1,3,5-Trimethylbenzene	10.467	105	69613	0.770	ug/L	97
63) 1,2,4-Trimethylbenzene	10.844	105	63778	0.727	ug/L	96
64) 1,3-Dichlorobenzene	11.111	146	48419	0.852	ug/L	96
65) 1,4-Dichlorobenzene	11.201	146	50620	0.865	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	44099	0.871	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2808	0.850	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	30621	0.847	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	22087	0.794	ug/L	90
71) Naphthalene	13.435	128	33064	0.768	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	19031	0.766	ug/L	95

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

