

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW062725\
 Data File : VW038823.D
 Acq On : 27 Jun 2025 08:49
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 28 01:20:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 01:15:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.596	168	294036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.526	114	524475	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	501175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	218977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	3209	1.185	ug/l	86
3) Chloromethane	1.227	50	4987	1.492	ug/l	94
4) Vinyl Chloride	1.298	62	4546	1.249	ug/l #	81
6) Chloroethane	1.558	64	3568	1.489	ug/l #	65
7) Trichlorofluoromethane	1.725	101	6592	1.225	ug/l	100
8) Diethyl Ether	1.918	74	2787	1.344	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	4298	1.306	ug/l	98
12) 1,1-Dichloroethene	2.079	96	4347	1.405	ug/l #	75
14) Allyl chloride	2.365	41	5511	1.005	ug/l #	94
15) Acrylonitrile	2.703	53	11288	5.169	ug/l #	45
16) Acetone	2.121	43	10422	6.203	ug/l	96
17) Carbon Disulfide	2.252	76	11341	1.407	ug/l	96
18) Methyl Acetate	2.397	43	5326m	0.990	ug/l	
19) Methyl tert-butyl Ether	2.715	73	9168m	0.899	ug/l	
20) Methylene Chloride	2.458	84	5183	1.410	ug/l #	78
21) trans-1,2-Dichloroethene	2.706	96	4225	1.314	ug/l #	67
22) Diisopropyl ether	3.211	45	8183	0.722	ug/l	82
23) Vinyl Acetate	3.223	43	30452	3.305	ug/l #	92
24) 1,1-Dichloroethane	3.121	63	7474	1.139	ug/l #	93
25) 2-Butanone	3.969	43	16234m	6.160	ug/l	
26) 2,2-Dichloropropane	3.812	77	5942	1.078	ug/l	81
27) cis-1,2-Dichloroethene	3.850	96	3783m	1.003	ug/l	
28) Bromochloromethane	4.169	49	6205m	2.031	ug/l	
29) Tetrahydrofuran	4.259	42	7224m	4.050	ug/l	
30) Chloroform	4.291	83	8295m	1.235	ug/l	
32) 1,1,1-Trichloroethane	4.519	97	6533	1.144	ug/l #	50
36) 1,1-Dichloropropene	4.754	75	5087m	1.122	ug/l	
37) Ethyl Acetate	3.969	43	7061m	1.184	ug/l	
38) Carbon Tetrachloride	4.741	117	6202m	1.218	ug/l	
39) Methylcyclohexane	6.043	83	5301	0.959	ug/l	92
40) Benzene	5.027	78	13248	0.912	ug/l	100
42) 1,2-Dichloroethane	5.075	62	5748m	1.127	ug/l	
43) Isopropyl Acetate	5.233	43	8526m	1.003	ug/l	
44) Trichloroethene	5.857	130	3654	1.040	ug/l	92
45) 1,2-Dichloropropane	6.108	63	4342m	1.126	ug/l	
46) Dibromomethane	6.249	93	3331m	1.201	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	6.436	83	6157	1.096	ug/l #	91
48) Methyl methacrylate	6.410	41	2949m	0.701	ug/l	
49) 1,4-Dioxane	6.326	88	1732m	31.615	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	19178	3.076	ug/l	92
52) Toluene	7.320	92	5391	0.603	ug/l	78
53) t-1,3-Dichloropropene	7.599	75	4545m	0.813	ug/l	
54) cis-1,3-Dichloropropene	6.973	75	4729m	0.780	ug/l	
55) 1,1,2-Trichloroethane	7.776	97	4117m	1.078	ug/l	
56) Ethyl methacrylate	7.770	69	4617m	0.852	ug/l	
57) 1,3-Dichloropropane	7.947	76	5753m	0.899	ug/l	
58) 2-Chloroethyl Vinyl ether	6.837	63	10034m	3.337	ug/l	
59) 2-Hexanone	8.095	43	8799	1.973	ug/l	99
60) Dibromochloromethane	8.178	129	4439	1.010	ug/l	95
61) 1,2-Dibromoethane	8.294	107	3853m	0.963	ug/l	
64) Tetrachloroethene	7.905	164	3763	1.100	ug/l #	82
65) Chlorobenzene	8.808	112	9970	0.939	ug/l	89
66) 1,1,1,2-Tetrachloroethane	8.902	131	3798	1.017	ug/l #	62
67) Ethyl Benzene	8.950	91	12436	0.729	ug/l	92
68) m/p-Xylenes	9.069	106	8486	1.283	ug/l	97
69) o-Xylene	9.477	106	4049	0.657	ug/l	99
70) Styrene	9.513	104	6988m	0.653	ug/l	
71) Bromoform	9.664	173	2516	0.824	ug/l #	96
73) Isopropylbenzene	9.860	105	10296	0.770	ug/l	97
74) N-amyl acetate	9.751	43	3736m	0.627	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	6094	1.158	ug/l	96
76) 1,2,3-Trichloropropane	10.207	75	5130m	1.269	ug/l	
77) Bromobenzene	10.165	156	3026	0.918	ug/l	87
78) n-propylbenzene	10.284	91	11340	0.700	ug/l	94
79) 2-Chlorotoluene	10.355	91	7082	0.746	ug/l	95
80) 1,3,5-Trimethylbenzene	10.468	105	7492	0.670	ug/l	90
82) 4-Chlorotoluene	10.477	91	7894	0.708	ug/l	96
83) tert-Butylbenzene	10.789	119	9145	0.829	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	7494	0.680	ug/l	95
85) sec-Butylbenzene	11.014	105	11015	0.742	ug/l	98
86) p-Isopropyltoluene	11.168	119	9239	0.734	ug/l	88
87) 1,3-Dichlorobenzene	11.117	146	5865	0.880	ug/l	97
88) 1,4-Dichlorobenzene	11.201	146	7759m	1.118	ug/l	
89) n-Butylbenzene	11.590	91	7576	0.626	ug/l	90
90) Hexachloroethane	11.818	117	3232	1.224	ug/l	99
91) 1,2-Dichlorobenzene	11.583	146	6404	1.010	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.352	75	1380	1.192	ug/l	58
93) 1,2,4-Trichlorobenzene	13.194	180	3054	0.780	ug/l	94
94) Hexachlorobutadiene	13.365	225	2045	1.143	ug/l	93
95) Naphthalene	13.438	128	8751	0.649	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.676	180	2878	0.729	ug/l	95

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

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