

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR100325\
 Data File : VR026774.D
 Acq On : 3 Oct 2025 15:24
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 04:30:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82R100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 04:30:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.778	168	1217533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.753	114	1993078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.903	117	1887790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.106	152	1227349	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	1.985	85	12010	1.030	ug/l	93
3) Chloromethane	2.190	50	18686	1.180	ug/l	99
4) Vinyl Chloride	2.320	62	11216	1.002	ug/l #	88
6) Chloroethane	2.837	64	7413	1.196	ug/l	92
7) Trichlorofluoromethane	3.154	101	20065	1.051	ug/l	89
8) Diethyl Ether	3.559	74	9098	1.050	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.894	101	12991	1.116	ug/l	96
12) 1,1-Dichloroethene	3.877	96	12703	1.040	ug/l	86
14) Allyl chloride	4.458	41	25356	1.008	ug/l	97
15) Acrylonitrile	5.122	53	51471	5.357	ug/l	93
16) Acetone	3.971	43	59147	6.076	ug/l	95
17) Carbon Disulfide	4.188	76	30582	1.084	ug/l #	93
18) Methyl Acetate	4.476	43	24607	1.050	ug/l	94
19) Methyl tert-butyl Ether	5.193	73	41874	0.996	ug/l	97
20) Methylene Chloride	4.687	84	17293	1.165	ug/l #	77
21) trans-1,2-Dichloroethene	5.175	96	14930	1.130	ug/l	96
22) Diisopropyl ether	6.074	45	46481	0.973	ug/l	91
23) Vinyl Acetate	6.004	43	162283	5.051	ug/l #	89
24) 1,1-Dichloroethane	5.957	63	24312	1.013	ug/l #	92
25) 2-Butanone	6.955	43	72122	5.198	ug/l #	89
26) 2,2-Dichloropropane	6.926	77	16848	0.968	ug/l	99
27) cis-1,2-Dichloroethene	6.932	96	15019	0.986	ug/l	93
28) Bromochloromethane	7.296	49	12445	1.039	ug/l #	97
29) Tetrahydrofuran	7.343	42	45377	5.025	ug/l	95
30) Chloroform	7.478	83	24121	1.046	ug/l	89
32) 1,1,1-Trichloroethane	7.696	97	19572	1.007	ug/l #	48
36) 1,1-Dichloropropene	7.925	75	18145	1.027	ug/l	97
37) Ethyl Acetate	7.044	43	26714m	1.036	ug/l	
38) Carbon Tetrachloride	7.901	117	13931	0.898	ug/l	96
39) Methylcyclohexane	9.306	83	22587	0.998	ug/l	90
40) Benzene	8.172	78	58321	1.054	ug/l	97
41) Methacrylonitrile	7.284	41	13417	0.971	ug/l #	94
42) 1,2-Dichloroethane	8.254	62	19348	1.065	ug/l	98
43) Isopropyl Acetate	8.313	43	33433	0.923	ug/l	97
44) Trichloroethene	9.024	130	15415	1.123	ug/l	77
45) 1,2-Dichloropropane	9.329	63	12693	0.976	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.429	93	8750	1.009	ug/l	96
47) Bromodichloromethane	9.641	83	15676	0.945	ug/l #	93
48) Methyl methacrylate	9.423	41	17335	0.927	ug/l	95
49) 1,4-Dioxane	9.441	88	8775	19.822	ug/l	91
51) 4-Methyl-2-Pentanone	10.287	43	129330	5.431	ug/l	87
52) Toluene	10.487	92	34936	0.969	ug/l	97
53) t-1,3-Dichloropropene	10.733	75	15794	0.846	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	16102	0.821	ug/l	98
55) 1,1,2-Trichloroethane	10.933	97	11828	0.928	ug/l	90
56) Ethyl methacrylate	10.792	69	20437	0.864	ug/l	97
57) 1,3-Dichloropropane	11.098	76	22820	0.988	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.958	63	6104	12.041	ug/l	98
59) 2-Hexanone	11.151	43	119349	5.808	ug/l	93
60) Dibromochloromethane	11.327	129	9907	0.805	ug/l	97
61) 1,2-Dibromoethane	11.438	107	13818	1.018	ug/l	98
64) Tetrachloroethene	11.021	164	14386	1.147	ug/l	91
65) Chlorobenzene	11.926	112	45773	1.096	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.014	131	11699	0.966	ug/l #	64
67) Ethyl Benzene	12.020	91	72486	1.043	ug/l	94
68) m/p-Xylenes	12.144	106	57840	2.037	ug/l	90
69) o-Xylene	12.520	106	25947	0.936	ug/l	89
70) Styrene	12.531	104	45719	0.938	ug/l	98
71) Bromoform	12.719	173	6535	1.317	ug/l #	89
73) Isopropylbenzene	12.860	105	71541	1.078	ug/l	98
74) N-amyl acetate	12.649	43	39513	1.067	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.137	83	21990	1.000	ug/l	100
76) 1,2,3-Trichloropropane	13.195	75	21449m	1.053	ug/l	
77) Bromobenzene	13.178	156	19707	1.068	ug/l	93
78) n-propylbenzene	13.242	91	91911	1.123	ug/l	96
79) 2-Chlorotoluene	13.348	91	56127	1.100	ug/l	95
80) 1,3,5-Trimethylbenzene	13.401	105	62892	1.048	ug/l	97
82) 4-Chlorotoluene	13.454	91	67192	1.192	ug/l	98
83) tert-Butylbenzene	13.706	119	52930	0.989	ug/l	100
84) 1,2,4-Trimethylbenzene	13.753	105	71017	1.102	ug/l	99
85) sec-Butylbenzene	13.906	105	84500	1.086	ug/l	100
86) p-Isopropyltoluene	14.035	119	76667	1.085	ug/l	97
87) 1,3-Dichlorobenzene	14.035	146	49511	1.216	ug/l	99
88) 1,4-Dichlorobenzene	14.129	146	52931m	1.236	ug/l	
89) n-Butylbenzene	14.412	91	80121	1.159	ug/l	97
90) Hexachloroethane	14.717	117	7742	0.821	ug/l	97
91) 1,2-Dichlorobenzene	14.459	146	45096	1.110	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	15.164	75	5158	0.925	ug/l	93
93) 1,2,4-Trichlorobenzene	15.986	180	38603	1.313	ug/l	96
94) Hexachlorobutadiene	16.104	225	16258	1.281	ug/l	96
95) Naphthalene	16.286	128	147754	2.624	ug/l	99
96) 1,2,3-Trichlorobenzene	16.533	180	36819	1.295	ug/l	97

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

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