

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039282.D
 Acq On : 07 Oct 2025 09:40
 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 :Semsettin Yesilyurt 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:53:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:53:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	527709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	895274	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	857185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	385797	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	Range	81 - 118	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	80 - 119	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	89 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	85 - 114	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	6611	0.991	ug/l	86
3) Chloromethane	1.227	50	7724	1.112	ug/l #	85
4) Vinyl Chloride	1.298	62	9112	1.150	ug/l #	87
6) Chloroethane	1.558	64	7318	1.367	ug/l	97
7) Trichlorofluoromethane	1.725	101	14501	1.198	ug/l	97
8) Diethyl Ether	1.921	74	5296	1.211	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	8446	1.165	ug/l	88
12) 1,1-Dichloroethene	2.089	96	8925	1.254	ug/l #	79
14) Allyl chloride	2.355	41	13558	1.202	ug/l #	88
15) Acrylonitrile	2.680	53	27594	6.403	ug/l	98
16) Acetone	2.124	43	30850	7.229	ug/l	96
17) Carbon Disulfide	2.253	76	27022	1.345	ug/l	95
18) Methyl Acetate	2.384	43	11207	1.153	ug/l	93
19) Methyl tert-butyl Ether	2.716	73	25085	1.171	ug/l	98
20) Methylene Chloride	2.458	84	12071	1.451	ug/l #	90
21) trans-1,2-Dichloroethene	2.703	96	9802	1.308	ug/l	86
22) Diisopropyl ether	3.217	45	21362	1.055	ug/l #	24
23) Vinyl Acetate	3.198	43	96018	5.401	ug/l	97
24) 1,1-Dichloroethane	3.121	63	16873	1.244	ug/l	97
25) 2-Butanone	3.905	43	22759m	4.977	ug/l	
26) 2,2-Dichloropropane	3.806	77	13393	1.226	ug/l	88
27) cis-1,2-Dichloroethene	3.828	96	8526m	1.137	ug/l	
28) Bromochloromethane	4.162	49	6412	1.081	ug/l #	91
29) Tetrahydrofuran	4.259	42	16417m	5.601	ug/l	
30) Chloroform	4.278	83	16465	1.190	ug/l	97
32) 1,1,1-Trichloroethane	4.519	97	14370	1.188	ug/l #	52
36) 1,1-Dichloropropene	4.751	75	9618m	1.086	ug/l	
37) Ethyl Acetate	3.905	43	11654	1.127	ug/l #	68
38) Carbon Tetrachloride	4.735	117	10983	0.978	ug/l	93
39) Methylcyclohexane	6.043	83	10292	1.016	ug/l	97
40) Benzene	5.021	78	28276	0.995	ug/l	99
41) Methacrylonitrile	4.204	41	2308m	2.194	ug/l	
42) 1,2-Dichloroethane	5.053	62	11586	1.161	ug/l	94
43) Isopropyl Acetate	5.220	43	11626	0.823	ug/l #	78
44) Trichloroethene	5.844	130	7590	1.062	ug/l	97
45) 1,2-Dichloropropane	6.108	63	7250	1.048	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.243	93	6432	1.112	ug/l	90
47) Bromodichloromethane	6.439	83	12294	1.079	ug/l	88
48) Methyl methacrylate	6.359	41	7865m	1.250	ug/l	
49) 1,4-Dioxane	6.342	88	1832m	17.505	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	38959	4.135	ug/l	89
52) Toluene	7.323	92	14589	0.850	ug/l	84
53) t-1,3-Dichloropropene	7.600	75	8766	0.880	ug/l	98
54) cis-1,3-Dichloropropene	6.973	75	10212	0.922	ug/l	94
55) 1,1,2-Trichloroethane	7.776	97	8628	1.113	ug/l	91
56) Ethyl methacrylate	7.744	69	7695m	0.889	ug/l	
57) 1,3-Dichloropropane	7.950	76	11189	0.957	ug/l	91
58) 2-Chloroethyl Vinyl ether	6.834	63	14435	10.957	ug/l #	87
59) 2-Hexanone	8.085	43	28473m	4.117	ug/l	
60) Dibromochloromethane	8.175	129	9684	1.069	ug/l	98
61) 1,2-Dibromoethane	8.288	107	8007	0.992	ug/l	100
64) Tetrachloroethene	7.902	164	6686	1.069	ug/l #	86
65) Chlorobenzene	8.809	112	21425	1.056	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.899	131	8692	1.144	ug/l #	62
67) Ethyl Benzene	8.947	91	27200	0.910	ug/l	98
68) m/p-Xylenes	9.069	106	19390	1.636	ug/l	88
69) o-Xylene	9.474	106	8958	0.856	ug/l	97
70) Styrene	9.506	104	14383m	0.772	ug/l	
71) Bromoform	9.661	173	6502	1.058	ug/l #	99
73) Isopropylbenzene	9.860	105	21180	0.904	ug/l	86
74) N-amyl acetate	9.744	43	11196m	1.151	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	14304	1.330	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	9316	1.210	ug/l	85
77) Bromobenzene	10.153	156	6491	1.008	ug/l	97
78) n-propylbenzene	10.284	91	26534	0.933	ug/l	100
79) 2-Chlorotoluene	10.355	91	15022	0.856	ug/l	90
80) 1,3,5-Trimethylbenzene	10.468	105	15895	0.809	ug/l	99
82) 4-Chlorotoluene	10.474	91	16039	0.795	ug/l	89
83) tert-Butylbenzene	10.789	119	18627	0.955	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	16853	0.871	ug/l	92
85) sec-Butylbenzene	11.014	105	21613	0.876	ug/l	97
86) p-Isopropyltoluene	11.169	119	18735	0.883	ug/l	94
87) 1,3-Dichlorobenzene	11.117	146	12791	0.996	ug/l	96
88) 1,4-Dichlorobenzene	11.198	146	17036m	1.177	ug/l	
89) n-Butylbenzene	11.587	91	17957	0.909	ug/l	93
90) Hexachloroethane	11.821	117	6345	1.210	ug/l	97
91) 1,2-Dichlorobenzene	11.577	146	13621	1.115	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.365	75	2878	1.301	ug/l	92
93) 1,2,4-Trichlorobenzene	13.197	180	6793	0.997	ug/l	95
94) Hexachlorobutadiene	13.368	225	4285	1.242	ug/l	98
95) Naphthalene	13.435	128	20925m	0.937	ug/l	
96) 1,2,3-Trichlorobenzene	13.677	180	7094	1.002	ug/l	95

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

