

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
 Data File : VV038886.D
 Acq On : 11 Jul 2025 13:23
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 14 06:20:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:20:10 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	420939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	726163	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	662887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	301407	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	4150	1.122	ug/l	98
3) Chloromethane	1.230	50	5050	1.264	ug/l	97
4) Vinyl Chloride	1.294	62	5173	1.132	ug/l	92
6) Chloroethane	1.565	64	3254	1.065	ug/l #	73
7) Trichlorofluoromethane	1.725	101	7788	0.963	ug/l	99
8) Diethyl Ether	1.918	74	2803	0.964	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	4579	0.947	ug/l #	93
12) 1,1-Dichloroethene	2.082	96	5117	1.161	ug/l	92
14) Allyl chloride	2.356	41	7258	1.034	ug/l #	93
15) Acrylonitrile	2.680	53	15014	4.955	ug/l #	95
16) Acetone	2.124	43	10059	4.520	ug/l #	84
17) Carbon Disulfide	2.253	76	13010	1.415	ug/l	97
18) Methyl Acetate	2.384	43	6420	0.853	ug/l	97
19) Methyl tert-butyl Ether	2.719	73	16058	0.972	ug/l #	90
20) Methylene Chloride	2.455	84	7013	1.242	ug/l #	96
21) trans-1,2-Dichloroethene	2.706	96	5847	1.247	ug/l	95
22) Diisopropyl ether	3.224	45	11234	0.801	ug/l #	79
23) Vinyl Acetate	3.204	43	46292	4.209	ug/l	94
24) 1,1-Dichloroethane	3.114	63	8692	0.946	ug/l #	86
25) 2-Butanone	3.918	43	16187m	5.080	ug/l	
26) 2,2-Dichloropropane	3.809	77	8068	1.003	ug/l #	70
27) cis-1,2-Dichloroethene	3.828	96	5656m	1.051	ug/l	
28) Bromochloromethane	4.166	49	2734m	0.769	ug/l	
29) Tetrahydrofuran	4.262	42	10638m	5.060	ug/l	
30) Chloroform	4.294	83	10152m	1.002	ug/l	
32) 1,1,1-Trichloroethane	4.513	97	8152	0.922	ug/l #	47
36) 1,1-Dichloropropene	4.757	75	5287	0.929	ug/l	95
37) Ethyl Acetate	4.047	43	6599m	0.985	ug/l	
38) Carbon Tetrachloride	4.735	117	7674m	1.015	ug/l	
39) Methylcyclohexane	6.047	83	6990	1.041	ug/l	97
40) Benzene	5.018	78	16701	0.866	ug/l #	89
41) Methacrylonitrile	4.253	41	3355m	1.105	ug/l	
42) 1,2-Dichloroethane	5.060	62	6994	0.951	ug/l	82
43) Isopropyl Acetate	5.227	43	10596m	1.000	ug/l	
44) Trichloroethene	5.847	130	5112	1.014	ug/l	91
45) 1,2-Dichloropropane	6.105	63	4929	0.967	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.243	93	3664	0.929	ug/l	93
47) Bromodichloromethane	6.439	83	6859	0.820	ug/l	100
48) Methyl methacrylate	6.397	41	3854m	0.831	ug/l	
49) 1,4-Dioxane	6.326	88	1737m	17.443	ug/l	
51) 4-Methyl-2-Pentanone	7.166	43	26926m	3.732	ug/l	
52) Toluene	7.326	92	9714m	0.799	ug/l	
53) t-1,3-Dichloropropene	7.606	75	6033m	0.797	ug/l	
54) cis-1,3-Dichloropropene	6.969	75	7250m	0.886	ug/l	
55) 1,1,2-Trichloroethane	7.777	97	4691	0.808	ug/l	87
56) Ethyl methacrylate	7.764	69	4954m	0.718	ug/l	
57) 1,3-Dichloropropane	7.950	76	6915m	0.794	ug/l	
58) 2-Chloroethyl Vinyl ether	6.841	63	15325m	11.338	ug/l	
59) 2-Hexanone	8.095	43	24103m	4.488	ug/l	
60) Dibromochloromethane	8.175	129	5635	0.824	ug/l	91
61) 1,2-Dibromoethane	8.285	107	4761	0.814	ug/l	91
64) Tetrachloroethene	7.902	164	4371	1.005	ug/l	94
65) Chlorobenzene	8.805	112	14221	0.982	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	5752	0.996	ug/l #	56
67) Ethyl Benzene	8.947	91	16995	0.790	ug/l	97
68) m/p-Xylenes	9.069	106	12518	1.495	ug/l	99
69) o-Xylene	9.474	106	6309	0.798	ug/l	90
70) Styrene	9.506	104	10136m	0.726	ug/l	
71) Bromoform	9.667	173	3465	0.738	ug/l #	84
73) Isopropylbenzene	9.863	105	15020	0.834	ug/l	97
74) N-amyl acetate	9.754	43	5649m	0.856	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	7204	0.955	ug/l	92
76) 1,2,3-Trichloropropane	10.211	75	5217m	0.931	ug/l	
77) Bromobenzene	10.166	156	4595m	0.973	ug/l	
78) n-propylbenzene	10.284	91	17775	0.844	ug/l	97
79) 2-Chlorotoluene	10.358	91	12499	0.934	ug/l	100
80) 1,3,5-Trimethylbenzene	10.474	105	11958	0.787	ug/l	99
82) 4-Chlorotoluene	10.477	91	11865	0.793	ug/l	100
83) tert-Butylbenzene	10.792	119	13485	0.847	ug/l	97
84) 1,2,4-Trimethylbenzene	10.847	105	11839	0.792	ug/l	99
85) sec-Butylbenzene	11.018	105	16445	0.809	ug/l	95
86) p-Isopropyltoluene	11.172	119	14892	0.863	ug/l	98
87) 1,3-Dichlorobenzene	11.120	146	9206	0.955	ug/l	95
88) 1,4-Dichlorobenzene	11.204	146	11631m	1.109	ug/l	
89) n-Butylbenzene	11.590	91	13239	0.840	ug/l	94
90) Hexachloroethane	11.818	117	4490	1.094	ug/l	86
91) 1,2-Dichlorobenzene	11.583	146	8689	0.928	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	1860m	1.091	ug/l	
93) 1,2,4-Trichlorobenzene	13.204	180	4912	0.889	ug/l	89
94) Hexachlorobutadiene	13.371	225	2893	1.017	ug/l	99
95) Naphthalene	13.442	128	14959m	0.818	ug/l	
96) 1,2,3-Trichlorobenzene	13.673	180	4817	0.841	ug/l	87

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

