

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038933.D
 Acq On : 08 Aug 2025 14:06
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 11 05:09:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	500864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	845842	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	783845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	365062	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	3557	1.056	ug/l	98
3) Chloromethane	1.230	50	3845	1.196	ug/l #	79
4) Vinyl Chloride	1.294	62	4420	1.119	ug/l	98
6) Chloroethane	1.555	64	3247	1.143	ug/l #	81
7) Trichlorofluoromethane	1.725	101	8484	1.084	ug/l	95
8) Diethyl Ether	1.918	74	3364	1.153	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.079	101	5665	1.133	ug/l	91
12) 1,1-Dichloroethene	2.082	96	4740	1.144	ug/l	96
14) Allyl chloride	2.359	41	8427	1.163	ug/l	94
15) Acrylonitrile	2.680	53	19501	6.063	ug/l	90
16) Acetone	2.124	43	16417	6.349	ug/l	92
17) Carbon Disulfide	2.253	76	7578	1.133	ug/l #	90
18) Methyl Acetate	2.381	43	6709	1.295	ug/l	92
19) Methyl tert-butyl Ether	2.709	73	19271	1.131	ug/l #	91
20) Methylene Chloride	2.452	84	9863	0.946	ug/l	97
21) trans-1,2-Dichloroethene	2.700	96	5660	1.257	ug/l	93
22) Diisopropyl ether	3.220	45	14112	0.963	ug/l #	60
23) Vinyl Acetate	3.201	43	54762	5.033	ug/l	98
24) 1,1-Dichloroethane	3.118	63	10059	1.071	ug/l	93
25) 2-Butanone	3.915	43	14949m	4.549	ug/l	
26) 2,2-Dichloropropane	3.809	77	8771	1.054	ug/l	99
27) cis-1,2-Dichloroethene	3.828	96	5839	1.076	ug/l	88
28) Bromochloromethane	4.162	49	4248m	0.766	ug/l	
29) Tetrahydrofuran	4.256	42	11707m	5.366	ug/l	
30) Chloroform	4.278	83	11216	1.097	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	9249	1.052	ug/l #	39
36) 1,1-Dichloropropene	4.757	75	6604m	1.167	ug/l	
37) Ethyl Acetate	4.034	43	10241m	1.378	ug/l	
38) Carbon Tetrachloride	4.735	117	7823m	1.036	ug/l	
39) Methylcyclohexane	6.047	83	6189m	0.999	ug/l	
40) Benzene	5.027	78	17875m	0.949	ug/l	
41) Methacrylonitrile	4.233	41	2953m	0.968	ug/l	
42) 1,2-Dichloroethane	5.060	62	7903	1.080	ug/l	92
43) Isopropyl Acetate	5.224	43	11108m	1.058	ug/l	
44) Trichloroethene	5.841	130	5531m	1.117	ug/l	
45) 1,2-Dichloropropane	6.105	63	6179m	1.214	ug/l	

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46) Dibromomethane	6.252	93	3760m	0.966	ug/l	
47) Bromodichloromethane	6.436	83	8719	1.008	ug/l	91
48) Methyl methacrylate	6.355	41	4885m	1.091	ug/l	
49) 1,4-Dioxane	6.326	88	2086m	21.010	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	27910	3.837	ug/l	95
52) Toluene	7.326	92	9642	0.811	ug/l	94
53) t-1,3-Dichloropropene	7.603	75	6240m	0.825	ug/l	
54) cis-1,3-Dichloropropene	6.973	75	7580	0.918	ug/l #	74
55) 1,1,2-Trichloroethane	7.773	97	5594	0.962	ug/l	90
56) Ethyl methacrylate	7.748	69	4311	1.885	ug/l #	82
57) 1,3-Dichloropropane	7.947	76	8086	0.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.838	63	15787m	4.626	ug/l	
59) 2-Hexanone	8.085	43	18869	3.594	ug/l	72
60) Dibromochloromethane	8.175	129	6513	0.914	ug/l	88
61) 1,2-Dibromoethane	8.288	107	5085	0.881	ug/l	99
64) Tetrachloroethene	7.899	164	5191	1.128	ug/l	82
65) Chlorobenzene	8.805	112	15965	1.042	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.899	131	5998	0.995	ug/l #	65
67) Ethyl Benzene	8.947	91	19576	0.870	ug/l	94
68) m/p-Xylenes	9.075	106	13387	1.543	ug/l	97
69) o-Xylene	9.477	106	6822	0.836	ug/l	95
70) Styrene	9.506	104	11913	0.811	ug/l #	71
71) Bromoform	9.667	173	5176	1.022	ug/l #	98
73) Isopropylbenzene	9.860	105	18007	0.945	ug/l	98
74) N-amyl acetate	9.747	43	6028	0.900	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	10.169	83	9825	1.206	ug/l	90
76) 1,2,3-Trichloropropane	10.204	75	6748	1.131	ug/l	90
77) Bromobenzene	10.153	156	5328	1.042	ug/l	94
78) n-propylbenzene	10.284	91	20336	0.905	ug/l	95
79) 2-Chlorotoluene	10.355	91	12677	0.919	ug/l	97
80) 1,3,5-Trimethylbenzene	10.468	105	13918	0.866	ug/l	99
82) 4-Chlorotoluene	10.474	91	13795	0.855	ug/l	91
83) tert-Butylbenzene	10.789	119	17496	1.022	ug/l	94
84) 1,2,4-Trimethylbenzene	10.847	105	14064	0.881	ug/l	97
85) sec-Butylbenzene	11.018	105	20008	0.925	ug/l	99
86) p-Isopropyltoluene	11.172	119	17322	0.919	ug/l	92
87) 1,3-Dichlorobenzene	11.117	146	12148	1.136	ug/l	89
88) 1,4-Dichlorobenzene	11.198	146	14524m	1.247	ug/l	
89) n-Butylbenzene	11.587	91	16120	0.925	ug/l	95
90) Hexachloroethane	11.821	117	5117	1.151	ug/l	97
91) 1,2-Dichlorobenzene	11.580	146	10380	1.027	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.374	75	2122m	1.189	ug/l	
93) 1,2,4-Trichlorobenzene	13.198	180	6977	1.094	ug/l	98
94) Hexachlorobutadiene	13.371	225	4168	1.237	ug/l	95
95) Naphthalene	13.439	128	20023	1.001	ug/l	96
96) 1,2,3-Trichlorobenzene	13.680	180	6999	1.073	ug/l	94

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

