

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038926.D
 Acq On : 08 Aug 2025 10:13
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Aug 11 03:48:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 03:47:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	432801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	739337	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	684927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	324878	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	2891	0.775	ug/l	96
3) Chloromethane	1.230	50	2918	0.734	ug/l	93
4) Vinyl Chloride	1.298	62	3674	0.798	ug/l #	83
6) Chloroethane	1.561	64	2724	0.883	ug/l	97
7) Trichlorofluoromethane	1.725	101	7299	0.894	ug/l	90
8) Diethyl Ether	1.925	74	3213	1.091	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.082	101	4359	0.893	ug/l	91
12) 1,1-Dichloroethene	2.088	96	3674	0.828	ug/l	87
14) Allyl chloride	2.359	41	7043	0.990	ug/l	94
15) Acrylonitrile	2.680	53	15369	5.015	ug/l	96
16) Acetone	2.121	43	12034	5.339	ug/l	97
17) Carbon Disulfide	2.249	76	6104	0.663	ug/l	98
18) Methyl Acetate	2.381	43	5436	0.686	ug/l	93
19) Methyl tert-butyl Ether	2.712	73	15435	0.926	ug/l	97
20) Methylene Chloride	2.455	84	8142	1.428	ug/l	96
21) trans-1,2-Dichloroethene	2.706	96	4321	0.913	ug/l #	94
22) Diisopropyl ether	3.214	45	11441	0.806	ug/l #	1
23) Vinyl Acetate	3.201	43	43556	3.950	ug/l	97
24) 1,1-Dichloroethane	3.117	63	9884	1.067	ug/l #	90
25) 2-Butanone	3.908	43	11501m	3.574	ug/l	
26) 2,2-Dichloropropane	3.812	77	7724	0.952	ug/l #	74
27) cis-1,2-Dichloroethene	3.828	96	4019	0.739	ug/l	60
28) Bromochloromethane	4.159	49	3699	1.071	ug/l	87
29) Tetrahydrofuran	4.256	42	8169m	3.858	ug/l	
30) Chloroform	4.281	83	9591	0.938	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	8036	0.900	ug/l #	48
36) 1,1-Dichloropropene	4.754	75	5457m	0.964	ug/l	
37) Ethyl Acetate	4.018	43	7667m	1.154	ug/l	
38) Carbon Tetrachloride	4.738	117	6985m	0.921	ug/l	
39) Methylcyclohexane	6.043	83	4962	0.742	ug/l	91
40) Benzene	5.024	78	15470	0.803	ug/l	97
41) Methacrylonitrile	4.198	41	1929m	0.629	ug/l	
42) 1,2-Dichloroethane	5.056	62	5934m	0.809	ug/l	
43) Isopropyl Acetate	5.220	43	8933m	0.846	ug/l	
44) Trichloroethene	5.841	130	4142m	0.815	ug/l	
45) 1,2-Dichloropropane	6.104	63	4378m	0.858	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.243	93	3143	0.798	ug/l	# 75
47) Bromodichloromethane	6.442	83	7366	0.881	ug/l	98
48) Methyl methacrylate	6.358	41	3176m	0.692	ug/l	
49) 1,4-Dioxane	6.329	88	1448m	14.846	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	21996	3.060	ug/l	97
52) Toluene	7.320	92	8651m	0.712	ug/l	
53) t-1,3-Dichloropropene	7.603	75	6441m	0.851	ug/l	
54) cis-1,3-Dichloropropene	6.973	75	6203	0.758	ug/l	# 86
55) 1,1,2-Trichloroethane	7.770	97	5328	0.920	ug/l	89
56) Ethyl methacrylate	7.747	69	3997	0.579	ug/l	# 88
57) 1,3-Dichloropropane	7.944	76	6613	0.758	ug/l	93
58) 2-Chloroethyl Vinyl ether	6.834	63	10159	2.584	ug/l	# 88
59) 2-Hexanone	8.088	43	16441	3.066	ug/l	89
60) Dibromochloromethane	8.172	129	6142	0.892	ug/l	99
61) 1,2-Dibromoethane	8.294	107	4653	0.796	ug/l	90
64) Tetrachloroethene	7.902	164	4222	0.945	ug/l	89
65) Chlorobenzene	8.805	112	12494	0.845	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.895	131	5725	0.974	ug/l	# 65
67) Ethyl Benzene	8.944	91	16279	0.745	ug/l	98
68) m/p-Xylenes	9.072	106	11997	1.411	ug/l	85
69) o-Xylene	9.474	106	5366	0.668	ug/l	89
70) Styrene	9.509	104	9621m	0.678	ug/l	
71) Bromoform	9.664	173	4125	0.864	ug/l	# 91
73) Isopropylbenzene	9.863	105	15051	0.789	ug/l	95
74) N-amyl acetate	9.744	43	5256m	0.757	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.169	83	9314	1.167	ug/l	91
76) 1,2,3-Trichloropropane	10.204	75	6050m	1.019	ug/l	
77) Bromobenzene	10.156	156	4456	0.889	ug/l	93
78) n-propylbenzene	10.281	91	17017	0.761	ug/l	99
79) 2-Chlorotoluene	10.358	91	11931	0.840	ug/l	94
80) 1,3,5-Trimethylbenzene	10.471	105	12416	0.771	ug/l	94
82) 4-Chlorotoluene	10.477	91	12142	0.764	ug/l	95
83) tert-Butylbenzene	10.789	119	13770	0.816	ug/l	97
84) 1,2,4-Trimethylbenzene	10.847	105	11778	0.743	ug/l	100
85) sec-Butylbenzene	11.014	105	17776	0.825	ug/l	95
86) p-Isopropyltoluene	11.172	119	14537	0.791	ug/l	91
87) 1,3-Dichlorobenzene	11.114	146	8836	0.860	ug/l	97
88) 1,4-Dichlorobenzene	11.197	146	11437m	1.020	ug/l	
89) n-Butylbenzene	11.590	91	13490	0.804	ug/l	96
90) Hexachloroethane	11.824	117	4491	1.025	ug/l	90
91) 1,2-Dichlorobenzene	11.577	146	8985	0.902	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.365	75	1943	1.081	ug/l	75
93) 1,2,4-Trichlorobenzene	13.191	180	4889	0.829	ug/l	97
94) Hexachlorobutadiene	13.368	225	2952	0.968	ug/l	90
95) Naphthalene	13.439	128	14316	0.745	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	5152	0.847	ug/l	98

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

