

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038946.D
 Acq On : 13 Aug 2025 12:31
 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 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025

Quant Time: Aug 14 02:22:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:22:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	529122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	919231	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	836092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	392509	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	7662	1.074	ug/l	88
3) Chloromethane	1.230	50	9441	1.258	ug/l	94
4) Vinyl Chloride	1.294	62	10054	1.210	ug/l	98
6) Chloroethane	1.561	64	5738	1.133	ug/l	99
7) Trichlorofluoromethane	1.728	101	11730	1.076	ug/l	95
8) Diethyl Ether	1.918	74	4454	1.303	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	6633	1.114	ug/l	91
12) 1,1-Dichloroethene	2.082	96	7423	1.257	ug/l	94
14) Allyl chloride	2.359	41	12298	1.203	ug/l	98
15) Acrylonitrile	2.677	53	23332	5.771	ug/l	94
16) Acetone	2.124	43	20281	6.789	ug/l	98
17) Carbon Disulfide	2.249	76	25075	1.359	ug/l	100
18) Methyl Acetate	2.381	43	9757	1.258	ug/l #	89
19) Methyl tert-butyl Ether	2.712	73	23898	1.116	ug/l	95
20) Methylene Chloride	2.455	84	11018	1.004	ug/l	90
21) trans-1,2-Dichloroethene	2.703	96	8800	1.216	ug/l	88
22) Diisopropyl ether	3.214	45	19089	0.981	ug/l #	25
23) Vinyl Acetate	3.198	43	75325	4.611	ug/l	99
24) 1,1-Dichloroethane	3.114	63	12677	1.042	ug/l	98
25) 2-Butanone	3.908	43	21838m	4.895	ug/l	
26) 2,2-Dichloropropane	3.809	77	11820	1.107	ug/l #	75
27) cis-1,2-Dichloroethene	3.828	96	8097	1.084	ug/l	89
28) Bromochloromethane	4.156	49	3880	1.166	ug/l	96
29) Tetrahydrofuran	4.256	42	13888	4.833	ug/l #	79
30) Chloroform	4.288	83	14173	1.090	ug/l	93
32) 1,1,1-Trichloroethane	4.519	97	12852	1.096	ug/l #	51
36) 1,1-Dichloropropene	4.754	75	7448	0.875	ug/l	93
37) Ethyl Acetate	4.037	43	10304m	1.028	ug/l	
38) Carbon Tetrachloride	4.728	117	9344	0.931	ug/l	97
39) Methylcyclohexane	6.050	83	10406	0.930	ug/l	93
40) Benzene	5.018	78	27770	0.995	ug/l	100
41) Methacrylonitrile	4.198	41	3082m	0.804	ug/l	
42) 1,2-Dichloroethane	5.056	62	9292	0.967	ug/l	89
43) Isopropyl Acetate	5.220	43	12682m	0.934	ug/l	
44) Trichloroethene	5.844	130	7819	1.082	ug/l	98
45) 1,2-Dichloropropane	6.101	63	5996	0.921	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) Dibromomethane	6.246	93	5408	1.037	ug/l	#	86
47) Bromodichloromethane	6.436	83	9592	0.915	ug/l	#	97
48) Methyl methacrylate	6.365	41	6445m	1.030	ug/l		
49) 1,4-Dioxane	6.323	88	2294m	18.524	ug/l		
51) 4-Methyl-2-Pentanone	7.162	43	42552m	4.607	ug/l		
52) Toluene	7.323	92	14889m	0.874	ug/l		
53) t-1,3-Dichloropropene	7.606	75	10248m	1.026	ug/l		
54) cis-1,3-Dichloropropene	6.969	75	10176m	0.927	ug/l		
55) 1,1,2-Trichloroethane	7.776	97	6572	0.924	ug/l	#	81
56) Ethyl methacrylate	7.741	69	8264m	0.896	ug/l		
57) 1,3-Dichloropropane	7.953	76	10231	0.905	ug/l		98
58) 2-Chloroethyl Vinyl ether	6.834	63	16721m	9.817	ug/l		
59) 2-Hexanone	8.088	43	26953m	3.957	ug/l		
60) Dibromochloromethane	8.172	129	8538	0.993	ug/l		98
61) 1,2-Dibromoethane	8.288	107	7289	0.952	ug/l		98
64) Tetrachloroethene	7.905	164	7120	1.126	ug/l		97
65) Chlorobenzene	8.809	112	21150	1.078	ug/l		96
66) 1,1,1,2-Tetrachloroethane	8.902	131	6623	0.971	ug/l	#	59
67) Ethyl Benzene	8.947	91	24760	0.835	ug/l		99
68) m/p-Xylenes	9.069	106	18676	1.609	ug/l		96
69) o-Xylene	9.474	106	9039	0.848	ug/l		97
70) Styrene	9.503	104	15228m	0.820	ug/l		
71) Bromoform	9.664	173	5017	0.905	ug/l	#	92
73) Isopropylbenzene	9.860	105	23855	0.949	ug/l		96
74) N-amyl acetate	9.744	43	9931m	1.023	ug/l		
75) 1,1,2,2-Tetrachloroethane	10.172	83	11169	1.145	ug/l		96
76) 1,2,3-Trichloropropane	10.207	75	8310m	1.123	ug/l		
77) Bromobenzene	10.159	156	6635	1.021	ug/l		91
78) n-propylbenzene	10.284	91	28952	0.963	ug/l		98
79) 2-Chlorotoluene	10.355	91	18477	1.005	ug/l		96
80) 1,3,5-Trimethylbenzene	10.471	105	18669	0.880	ug/l		99
82) 4-Chlorotoluene	10.477	91	19497	0.921	ug/l		94
83) tert-Butylbenzene	10.792	119	20145	0.947	ug/l		95
84) 1,2,4-Trimethylbenzene	10.850	105	17180	0.842	ug/l		99
85) sec-Butylbenzene	11.014	105	25618	0.923	ug/l		100
86) p-Isopropyltoluene	11.172	119	22555	0.952	ug/l		92
87) 1,3-Dichlorobenzene	11.117	146	15201	1.140	ug/l		95
88) 1,4-Dichlorobenzene	11.198	146	18464m	1.276	ug/l		
89) n-Butylbenzene	11.587	91	21485	0.959	ug/l		94
90) Hexachloroethane	11.821	117	5790	1.111	ug/l		90
91) 1,2-Dichlorobenzene	11.580	146	14192	1.136	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.368	75	2483	1.158	ug/l		74
93) 1,2,4-Trichlorobenzene	13.194	180	8944	1.160	ug/l		97
94) Hexachlorobutadiene	13.368	225	4686	1.224	ug/l		98
95) Naphthalene	13.435	128	23475	0.969	ug/l		99
96) 1,2,3-Trichlorobenzene	13.670	180	8385	1.075	ug/l		96

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

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