

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039021.D
 Acq On : 25 Aug 2025 09:29
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 26 02:28:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:27:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	493051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	871571	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	789482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	369593	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	7160	1.084	ug/l	98
3) Chloromethane	1.230	50	7756	1.102	ug/l #	85
4) Vinyl Chloride	1.294	62	8582	1.046	ug/l	93
6) Chloroethane	1.561	64	4471	0.921	ug/l	96
7) Trichlorofluoromethane	1.725	101	13242	1.121	ug/l	97
8) Diethyl Ether	1.918	74	5209	1.163	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.079	101	8177	1.149	ug/l	98
12) 1,1-Dichloroethene	2.079	96	7863	1.154	ug/l	86
14) Allyl chloride	2.362	41	10978	1.024	ug/l #	82
15) Acrylonitrile	2.696	53	16308	4.284	ug/l	90
16) Acetone	2.121	43	29896	6.656	ug/l	95
17) Carbon Disulfide	2.252	76	21398	1.131	ug/l	99
18) Methyl Acetate	2.400	43	8350m	0.954	ug/l	
19) Methyl tert-butyl Ether	2.706	73	18596	0.926	ug/l	98
20) Methylene Chloride	2.461	84	7985	1.089	ug/l	88
21) trans-1,2-Dichloroethene	2.706	96	7515	1.101	ug/l	88
22) Diisopropyl ether	3.211	45	16680	0.855	ug/l #	34
23) Vinyl Acetate	3.217	43	72585m	4.536	ug/l	
24) 1,1-Dichloroethane	3.124	63	12565	1.028	ug/l	96
25) 2-Butanone	3.928	43	28845m	5.838	ug/l	
26) 2,2-Dichloropropane	3.805	77	11546	1.099	ug/l #	73
27) cis-1,2-Dichloroethene	3.841	96	8042m	1.063	ug/l	
28) Bromochloromethane	4.169	49	4351m	1.315	ug/l	
29) Tetrahydrofuran	4.265	42	14965m	4.915	ug/l	
30) Chloroform	4.285	83	13310	1.047	ug/l	88
32) 1,1,1-Trichloroethane	4.516	97	11679	1.043	ug/l #	51
36) 1,1-Dichloropropene	4.754	75	9615m	1.140	ug/l	
37) Ethyl Acetate	3.928	43	9094m	0.918	ug/l	
38) Carbon Tetrachloride	4.738	117	10452	1.035	ug/l #	88
39) Methylcyclohexane	6.046	83	9732	0.899	ug/l	92
40) Benzene	5.030	78	26811	0.995	ug/l	100
41) Methacrylonitrile	4.211	41	573	1.235	ug/l #	41
42) 1,2-Dichloroethane	5.059	62	10654m	1.133	ug/l	
43) Isopropyl Acetate	5.236	43	12875m	0.914	ug/l	
44) Trichloroethene	5.850	130	6748	0.997	ug/l	94
45) 1,2-Dichloropropane	6.104	63	6923	1.010	ug/l	93

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46) Dibromomethane	6.249	93	5489	1.056	ug/l #	61
47) Bromodichloromethane	6.436	83	11309	1.056	ug/l #	90
48) Methyl methacrylate	6.387	41	6935m	1.008	ug/l	
49) 1,4-Dioxane	6.333	88	1972m	16.945	ug/l	
51) 4-Methyl-2-Pentanone	7.159	43	41357m	4.138	ug/l	
52) Toluene	7.323	92	16590	0.965	ug/l	100
53) t-1,3-Dichloropropene	7.603	75	9483m	0.922	ug/l	
54) cis-1,3-Dichloropropene	6.966	75	10099	0.914	ug/l	92
55) 1,1,2-Trichloroethane	7.773	97	7106	0.991	ug/l #	91
56) Ethyl methacrylate	7.747	69	7907m	0.831	ug/l	
57) 1,3-Dichloropropane	7.950	76	10804	0.933	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.844	63	15974m	10.001	ug/l	
59) 2-Hexanone	8.088	43	34428m	4.657	ug/l	
60) Dibromochloromethane	8.175	129	8726	1.052	ug/l	94
61) 1,2-Dibromoethane	8.284	107	6940m	0.937	ug/l	
64) Tetrachloroethene	7.902	164	5785	1.031	ug/l	93
65) Chlorobenzene	8.805	112	19049	1.008	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.902	131	6435	0.976	ug/l #	64
67) Ethyl Benzene	8.947	91	26914	0.901	ug/l	99
68) m/p-Xylenes	9.069	106	19968	1.738	ug/l	98
69) o-Xylene	9.477	106	8395	0.798	ug/l	80
70) Styrene	9.503	104	15875m	0.856	ug/l	
71) Bromoform	9.660	173	5179	0.971	ug/l #	97
73) Isopropylbenzene	9.863	105	22913	0.885	ug/l	98
74) N-amyl acetate	9.744	43	10780m	1.013	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	11207	1.098	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	6665	0.919	ug/l #	42
77) Bromobenzene	10.152	156	6156	0.959	ug/l	99
78) n-propylbenzene	10.284	91	25769	0.843	ug/l	98
79) 2-Chlorotoluene	10.352	91	18413	0.977	ug/l	99
80) 1,3,5-Trimethylbenzene	10.471	105	17796	0.837	ug/l	93
82) 4-Chlorotoluene	10.474	91	18881m	0.881	ug/l	
83) tert-Butylbenzene	10.792	119	19294	0.892	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	16525	0.794	ug/l	96
85) sec-Butylbenzene	11.014	105	25647	0.902	ug/l	99
86) p-Isopropyltoluene	11.172	119	20635	0.870	ug/l	93
87) 1,3-Dichlorobenzene	11.114	146	12284	0.958	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	15314m	1.108	ug/l	
89) n-Butylbenzene	11.586	91	20636	0.902	ug/l	98
90) Hexachloroethane	11.818	117	5984	1.130	ug/l	99
91) 1,2-Dichlorobenzene	11.580	146	13148	1.057	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.361	75	2550	1.150	ug/l	83
93) 1,2,4-Trichlorobenzene	13.201	180	6940m	0.963	ug/l	
94) Hexachlorobutadiene	13.371	225	3781	1.122	ug/l	94
95) Naphthalene	13.438	128	24473	0.979	ug/l	100
96) 1,2,3-Trichlorobenzene	13.673	180	6773	0.927	ug/l	98

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

