

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
 Data File : VU063647.D
 Acq On : 25 Sep 2025 17:32
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 26 06:38:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:28:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	136412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	244046	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	230677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	106957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.698	65	10924	3.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	6.220%#		
35) Dibromofluoromethane	5.284	113	7161	5.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.840%#		
50) Toluene-d8	7.891	98	26820	6.270	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	12.540%#		
62) 4-Bromofluorobenzene	10.627	95	9906	5.165	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	6197	4.880	ug/l	99
3) Chloromethane	1.515	50	8111	4.871	ug/l	99
4) Vinyl Chloride	1.596	62	9705	5.117	ug/l	96
5) Bromomethane	1.827	94	8156	5.880	ug/l	100
6) Chloroethane	1.911	64	6641	5.157	ug/l	98
7) Trichlorofluoromethane	2.123	101	14453	5.184	ug/l	97
8) Diethyl Ether	2.367	74	5853	5.356	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.563	101	8421	5.541	ug/l	100
10) Methyl Iodide	2.705	142	6856	3.639	ug/l	99
11) Tert butyl alcohol	3.177	59	16119	21.963	ug/l #	83
12) 1,1-Dichloroethene	2.563	96	8081	5.378	ug/l	92
13) Acrolein	2.473	56	1655	24.075	ug/l	91
14) Allyl chloride	2.911	41	11520	5.173	ug/l	94
15) Acrylonitrile	3.306	53	25912	24.374	ug/l	99
16) Acetone	2.615	43	36471	20.329	ug/l	94
17) Carbon Disulfide	2.776	76	12855	4.185	ug/l #	95
18) Methyl Acetate	2.943	43	11920	4.784	ug/l	90
19) Methyl tert-butyl Ether	3.354	73	22708	4.897	ug/l	97
20) Methylene Chloride	3.030	84	10350	4.732	ug/l	98
21) trans-1,2-Dichloroethene	3.341	96	7136	4.831	ug/l	94
22) Diisopropyl ether	3.978	45	22363	4.880	ug/l #	39
23) Vinyl Acetate	3.952	43	73555	21.999	ug/l	98
24) 1,1-Dichloroethane	3.853	63	15518	5.395	ug/l	97
25) 2-Butanone	4.708	43	32707	24.327	ug/l	99
26) 2,2-Dichloropropane	4.647	77	9396	5.109	ug/l #	74
27) cis-1,2-Dichloroethene	4.660	96	9451	5.136	ug/l	97
28) Bromochloromethane	4.959	49	4991	4.007	ug/l #	91
29) Tetrahydrofuran	5.049	42	22194	24.038	ug/l	97
30) Chloroform	5.074	83	15587	5.072	ug/l	98
31) Cyclohexane	5.367	56	15117	5.796	ug/l #	90
32) 1,1,1-Trichloroethane	5.300	97	11149	4.631	ug/l	98
36) 1,1-Dichloropropene	5.515	75	9670	4.665	ug/l	100
37) Ethyl Acetate	4.817	43	13581m	4.793	ug/l	
38) Carbon Tetrachloride	5.509	117	8689	4.443	ug/l	98
39) Methylcyclohexane	6.746	83	12204	4.682	ug/l	97
40) Benzene	5.766	78	33117	4.922	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
 Data File : VU063647.D
 Acq On : 25 Sep 2025 17:32
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:38:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:28:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.978	41	5312	4.339	ug/l	97
42) 1,2-Dichloroethane	5.788	62	12478	5.075	ug/l	100
43) Isopropyl Acetate	5.910	43	16958	4.825	ug/l	97
44) Trichloroethene	6.537	130	8570	4.909	ug/l	96
45) 1,2-Dichloropropane	6.782	63	8565	5.066	ug/l	90
46) Dibromomethane	6.910	93	6468	4.930	ug/l	95
47) Bromodichloromethane	7.094	83	9789	4.553	ug/l #	89
48) Methyl methacrylate	6.959	41	7805	4.152	ug/l	94
49) 1,4-Dioxane	6.959	88	4629	93.500	ug/l	96
51) 4-Methyl-2-Pentanone	7.782	43	65302	23.520	ug/l	96
52) Toluene	7.962	92	20510	5.019	ug/l	95
53) t-1,3-Dichloropropene	8.209	75	6723	3.921	ug/l	91
54) cis-1,3-Dichloropropene	7.602	75	8180	4.022	ug/l	92
55) 1,1,2-Trichloroethane	8.389	97	8467	5.034	ug/l	89
56) Ethyl methacrylate	8.328	69	10286	4.990	ug/l	97
57) 1,3-Dichloropropane	8.566	76	14093	4.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.473	63	1036	23.336	ug/l #	65
59) 2-Hexanone	8.679	43	45906	22.545	ug/l	93
60) Dibromochloromethane	8.798	129	6526	4.259	ug/l	100
61) 1,2-Dibromoethane	8.914	107	7852	4.643	ug/l	93
64) Tetrachloroethene	8.544	164	8190	4.811	ug/l	94
65) Chlorobenzene	9.438	112	23489	4.956	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.524	131	6394	4.676	ug/l	89
67) Ethyl Benzene	9.563	91	37527	4.716	ug/l	99
68) m/p-Xylenes	9.685	106	26980	9.084	ug/l	97
69) o-Xylene	10.094	106	13576	4.721	ug/l	98
70) Styrene	10.113	104	20561	4.408	ug/l	97
71) Bromoform	10.283	173	3939	7.468	ug/l #	100
73) Isopropylbenzene	10.476	105	36003	5.300	ug/l	96
74) N-amyl acetate	10.319	43	10711	4.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.772	83	13134	5.235	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	13788	5.326	ug/l #	100
77) Bromobenzene	10.778	156	8885	5.134	ug/l	98
78) n-propylbenzene	10.897	91	40498	5.047	ug/l	99
79) 2-Chlorotoluene	10.978	91	26835	5.254	ug/l	99
80) 1,3,5-Trimethylbenzene	11.081	105	28758	5.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.541	75	1766	4.321	ug/l #	83
82) 4-Chlorotoluene	11.090	91	28251	5.036	ug/l	100
83) tert-Butylbenzene	11.412	119	27905	5.057	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	27782	4.918	ug/l	98
85) sec-Butylbenzene	11.637	105	35964	4.992	ug/l	99
86) p-Isopropyltoluene	11.785	119	28972	4.893	ug/l	96
87) 1,3-Dichlorobenzene	11.740	146	16177	5.020	ug/l	97
88) 1,4-Dichlorobenzene	11.830	146	17021	5.033	ug/l	90
89) n-Butylbenzene	12.203	91	26962	5.109	ug/l	96
90) Hexachloroethane	12.463	117	3673	7.481	ug/l	93
91) 1,2-Dichlorobenzene	12.209	146	15678	4.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.994	75	2144	4.609	ug/l	90
93) 1,2,4-Trichlorobenzene	13.839	180	8226	4.561	ug/l	98
94) Hexachlorobutadiene	14.010	225	4801	5.285	ug/l	95
95) Naphthalene	14.090	128	19276	4.541	ug/l	96
96) 1,2,3-Trichlorobenzene	14.325	180	8022	4.435	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
Data File : VU063647.D
Acq On : 25 Sep 2025 17:32
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:38:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:28:53 2025
Response via : Initial Calibration

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

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

