

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038833.D
 Acq On : 02 Jul 2025 10:18
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 03 02:23:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	480085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	795116	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	745168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	399907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	30529	5.674	ug/l	0.02
Spiked Amount 50.000	Range 81 - 118		Recovery =	11.340%#		
35) Dibromofluoromethane	4.513	113	26634	5.288	ug/l	0.02
Spiked Amount 50.000	Range 80 - 119		Recovery =	10.580%#		
50) Toluene-d8	7.243	98	89170	5.472	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	10.940%#		
62) 4-Bromofluorobenzene	10.008	95	31174	4.735	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	9.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	23599	5.178	ug/l	99
3) Chloromethane	1.230	50	30562	5.328	ug/l	89
4) Vinyl Chloride	1.298	62	28218	5.427	ug/l	95
5) Bromomethane	1.494	94	19699	6.208	ug/l	88
6) Chloroethane	1.561	64	19647	5.636	ug/l	97
7) Trichlorofluoromethane	1.725	101	51476	5.595	ug/l	97
8) Diethyl Ether	1.918	74	16558	5.172	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	28261	5.433	ug/l	94
10) Methyl Iodide	2.195	142	29183	4.422	ug/l	98
11) Tert butyl alcohol	2.568	59	16969	24.161	ug/l #	90
12) 1,1-Dichloroethene	2.082	96	27346	5.531	ug/l	99
13) Acrolein	2.011	56	4492	25.615	ug/l #	83
14) Allyl chloride	2.362	41	35446	5.331	ug/l	96
15) Acrylonitrile	2.683	53	61674	25.104	ug/l	99
16) Acetone	2.121	43	44424	24.776	ug/l	94
17) Carbon Disulfide	2.252	76	66298	5.789	ug/l	95
18) Methyl Acetate	2.391	43	25341	4.145	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	72163	4.721	ug/l	98
20) Methylene Chloride	2.458	84	33706	5.688	ug/l	90
21) trans-1,2-Dichloroethene	2.709	96	26725	5.405	ug/l	98
22) Diisopropyl ether	3.211	45	65687	4.819	ug/l #	49
23) Vinyl Acetate	3.201	43	228718	23.269	ug/l	100
24) 1,1-Dichloroethane	3.121	63	49736	5.412	ug/l	99
25) 2-Butanone	3.889	43	54565	21.597	ug/l	91
26) 2,2-Dichloropropane	3.815	77	44252	5.196	ug/l	99
27) cis-1,2-Dichloroethene	3.831	96	28605	4.964	ug/l	97
28) Bromochloromethane	4.156	49	20827	5.303	ug/l	97
29) Tetrahydrofuran	4.243	42	40053	23.051	ug/l	98
30) Chloroform	4.285	83	55832	5.576	ug/l	96
31) Cyclohexane	4.587	56	44352	6.095	ug/l #	81
32) 1,1,1-Trichloroethane	4.516	97	48797	5.251	ug/l	96
36) 1,1-Dichloropropene	4.754	75	32124	5.256	ug/l	96
37) Ethyl Acetate	4.014	43	37837m	6.158	ug/l	
38) Carbon Tetrachloride	4.731	117	42653	5.302	ug/l	99
39) Methylcyclohexane	6.043	83	38885	4.866	ug/l	94
40) Benzene	5.014	78	102519	5.230	ug/l	98

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Quant Time: Jul 03 02:23:12 2025
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.185	41	7352m	6.384	ug/l	
42) 1,2-Dichloroethane	5.050	62	35459	4.963	ug/l	98
43) Isopropyl Acetate	5.204	43	49520m	4.997	ug/l	
44) Trichloroethene	5.841	130	26425	5.018	ug/l	98
45) 1,2-Dichloropropane	6.098	63	25154	4.963	ug/l	93
46) Dibromomethane	6.239	93	20817	5.208	ug/l	100
47) Bromodichloromethane	6.432	83	43099	5.093	ug/l	99
48) Methyl methacrylate	6.317	41	23770m	5.305	ug/l	
49) 1,4-Dioxane	6.307	88	5842m	92.356	ug/l	
51) 4-Methyl-2-Pentanone	7.149	43	144980	23.465	ug/l	97
52) Toluene	7.313	92	63518	5.038	ug/l	100
53) t-1,3-Dichloropropene	7.587	75	38525	4.900	ug/l	98
54) cis-1,3-Dichloropropene	6.956	75	40679	4.910	ug/l	93
55) 1,1,2-Trichloroethane	7.763	97	28949	5.251	ug/l	96
56) Ethyl methacrylate	7.725	69	30611	4.220	ug/l	97
57) 1,3-Dichloropropane	7.940	76	42805	4.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	79386	25.069	ug/l	99
59) 2-Hexanone	8.069	43	86866	19.392	ug/l	100
60) Dibromochloromethane	8.169	129	36056	5.194	ug/l	100
61) 1,2-Dibromoethane	8.281	107	28928	5.165	ug/l	99
64) Tetrachloroethene	7.899	164	25127	5.244	ug/l	99
65) Chlorobenzene	8.808	112	79997	5.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	30235	5.156	ug/l	96
67) Ethyl Benzene	8.940	91	115556	4.697	ug/l	98
68) m/p-Xylenes	9.066	106	87965	9.334	ug/l	92
69) o-Xylene	9.471	106	42083	4.674	ug/l	93
70) Styrene	9.493	104	64375	4.089	ug/l	95
71) Bromoform	9.657	173	23987	5.034	ug/l #	98
73) Isopropylbenzene	9.857	105	109382	4.661	ug/l	100
74) N-amyl acetate	9.731	43	33411	4.162	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.169	83	45722	5.374	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	33641	5.437	ug/l	95
77) Bromobenzene	10.146	156	30067	4.966	ug/l	99
78) n-propylbenzene	10.281	91	126730	4.537	ug/l	100
79) 2-Chlorotoluene	10.352	91	79708	4.699	ug/l	98
80) 1,3,5-Trimethylbenzene	10.468	105	91344	4.552	ug/l	97
81) trans-1,4-Dichloro-2-b...	9.934	75	13292	4.573	ug/l #	90
82) 4-Chlorotoluene	10.468	91	93587	4.786	ug/l	98
83) tert-Butylbenzene	10.789	119	96811	4.651	ug/l	96
84) 1,2,4-Trimethylbenzene	10.844	105	85241	4.334	ug/l	98
85) sec-Butylbenzene	11.014	105	121053	4.569	ug/l	99
86) p-Isopropyltoluene	11.169	119	104439	4.597	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	62088	5.044	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	65350	5.039	ug/l	95
89) n-Butylbenzene	11.583	91	93086	4.421	ug/l	100
90) Hexachloroethane	11.821	117	24349	4.938	ug/l	98
91) 1,2-Dichlorobenzene	11.570	146	57703	4.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.358	75	9481	5.263	ug/l	94
93) 1,2,4-Trichlorobenzene	13.191	180	31929	4.246	ug/l	100
94) Hexachlorobutadiene	13.368	225	17540	4.833	ug/l	98
95) Naphthalene	13.429	128	92894	3.883	ug/l	99
96) 1,2,3-Trichlorobenzene	13.673	180	32601	4.201	ug/l	95

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

