

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038947.D
 Acq On : 13 Aug 2025 12:54
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 14 02:23:27 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	515716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	856727	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	804961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	416112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	41084	5.776	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	11.560%#		
35) Dibromofluoromethane	4.507	113	32162	5.329	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	10.660%#		
50) Toluene-d8	7.243	98	109472	5.207	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	10.420%#		
62) 4-Bromofluorobenzene	10.008	95	35661	4.668	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	9.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	34098	4.903	ug/l	99
3) Chloromethane	1.230	50	37072	5.069	ug/l	96
4) Vinyl Chloride	1.294	62	40987	5.061	ug/l	93
5) Bromomethane	1.487	94	32299	5.937	ug/l	99
6) Chloroethane	1.555	64	25653	5.199	ug/l	97
7) Trichlorofluoromethane	1.722	101	54478	5.128	ug/l	98
8) Diethyl Ether	1.918	74	17218	5.168	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	27604	4.755	ug/l	93
10) Methyl Iodide	2.198	142	32812	4.172	ug/l	94
11) Tert butyl alcohol	2.574	59	34110	24.291	ug/l	99
12) 1,1-Dichloroethene	2.082	96	26627	4.627	ug/l	97
13) Acrolein	2.011	56	29903	45.331	ug/l	98
14) Allyl chloride	2.359	41	45661	4.584	ug/l	97
15) Acrylonitrile	2.677	53	97001	24.617	ug/l	97
16) Acetone	2.124	43	68364	23.480	ug/l	98
17) Carbon Disulfide	2.249	76	87161	4.848	ug/l	99
18) Methyl Acetate	2.381	43	33619	4.448	ug/l	96
19) Methyl tert-butyl Ether	2.716	73	106921	5.123	ug/l	100
20) Methylene Chloride	2.455	84	39896	5.437	ug/l	95
21) trans-1,2-Dichloroethene	2.706	96	35527	5.036	ug/l	97
22) Diisopropyl ether	3.217	45	91645	4.835	ug/l #	74
23) Vinyl Acetate	3.195	43	378741	23.788	ug/l	99
24) 1,1-Dichloroethane	3.118	63	66535	5.609	ug/l	98
25) 2-Butanone	3.883	43	101039	23.236	ug/l	99
26) 2,2-Dichloropropane	3.809	77	51597	4.958	ug/l	99
27) cis-1,2-Dichloroethene	3.828	96	35733	4.910	ug/l	95
28) Bromochloromethane	4.153	49	19304	5.953	ug/l	95
29) Tetrahydrofuran	4.249	42	61954	22.119	ug/l	99
30) Chloroform	4.281	83	63907	5.041	ug/l	95
31) Cyclohexane	4.584	56	57054	5.482	ug/l #	79
32) 1,1,1-Trichloroethane	4.516	97	58588	5.127	ug/l	99
36) 1,1-Dichloropropene	4.754	75	40728	5.131	ug/l	95
37) Ethyl Acetate	3.995	43	47457m	5.079	ug/l	
38) Carbon Tetrachloride	4.728	117	43790	4.679	ug/l	96
39) Methylcyclohexane	6.050	83	49162	4.714	ug/l	92
40) Benzene	5.015	78	125919	4.840	ug/l	97

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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	14510m	4.060	ug/l	
42) 1,2-Dichloroethane	5.053	62	46040	5.139	ug/l	99
43) Isopropyl Acetate	5.207	43	57786	4.565	ug/l	98
44) Trichloroethene	5.838	130	32654	4.849	ug/l	96
45) 1,2-Dichloropropane	6.098	63	28149	4.642	ug/l	95
46) Dibromomethane	6.236	93	22910	4.714	ug/l	96
47) Bromodichloromethane	6.433	83	49473	5.064	ug/l	98
48) Methyl methacrylate	6.317	41	29294m	5.023	ug/l	
49) 1,4-Dioxane	6.304	88	10053m	87.102	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	196916	22.875	ug/l	98
52) Toluene	7.317	92	76031	4.791	ug/l	100
53) t-1,3-Dichloropropene	7.587	75	45225	4.856	ug/l	91
54) cis-1,3-Dichloropropene	6.960	75	49178	4.809	ug/l	97
55) 1,1,2-Trichloroethane	7.770	97	32516	4.904	ug/l	96
56) Ethyl methacrylate	7.728	69	34537	4.017	ug/l	99
57) 1,3-Dichloropropane	7.944	76	52250	4.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.822	63	79997	21.158	ug/l	100
59) 2-Hexanone	8.076	43	133183	20.981	ug/l	96
60) Dibromochloromethane	8.172	129	40961	5.113	ug/l	97
61) 1,2-Dibromoethane	8.281	107	34200	4.792	ug/l	99
64) Tetrachloroethene	7.902	164	30416	4.994	ug/l	97
65) Chlorobenzene	8.809	112	95079	5.031	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.902	131	32436	4.939	ug/l	96
67) Ethyl Benzene	8.940	91	131272	4.599	ug/l	99
68) m/p-Xylenes	9.066	106	101266	9.060	ug/l	97
69) o-Xylene	9.471	106	45379	4.420	ug/l	100
70) Styrene	9.493	104	73781	4.128	ug/l	98
71) Bromoform	9.661	173	24975	4.679	ug/l #	92
73) Isopropylbenzene	9.860	105	121914	4.576	ug/l	98
74) N-amyl acetate	9.731	43	43622	4.239	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.169	83	53493	5.174	ug/l	99
76) 1,2,3-Trichloropropane	10.204	75	40167	5.121	ug/l	92
77) Bromobenzene	10.146	156	35485	5.148	ug/l	92
78) n-propylbenzene	10.281	91	143693	4.507	ug/l	98
79) 2-Chlorotoluene	10.352	91	91691	4.705	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	100557	4.473	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	13972	4.367	ug/l	90
82) 4-Chlorotoluene	10.468	91	104467	4.653	ug/l	100
83) tert-Butylbenzene	10.792	119	107949	4.789	ug/l	95
84) 1,2,4-Trimethylbenzene	10.844	105	93812	4.339	ug/l	100
85) sec-Butylbenzene	11.014	105	133460	4.538	ug/l	99
86) p-Isopropyltoluene	11.169	119	113413	4.514	ug/l	97
87) 1,3-Dichlorobenzene	11.111	146	68667	4.860	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	76272	4.971	ug/l	96
89) n-Butylbenzene	11.583	91	103322	4.351	ug/l	98
90) Hexachloroethane	11.818	117	27612	4.997	ug/l	99
91) 1,2-Dichlorobenzene	11.574	146	63707	4.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	11188	4.924	ug/l	88
93) 1,2,4-Trichlorobenzene	13.191	180	35279	4.318	ug/l	97
94) Hexachlorobutadiene	13.368	225	19602	4.828	ug/l	97
95) Naphthalene	13.429	128	106068	4.129	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	37898	4.582	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

