

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039142.D
 Acq On : 22 Sep 2025 15:37
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 24 07:25:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	492799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	835334	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	807740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	425480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	45267	6.347	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	12.700%#		
35) Dibromofluoromethane	4.503	113	37959	5.653	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	11.300%#		
50) Toluene-d8	7.239	98	117860	5.976	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	11.960%#		
62) 4-Bromofluorobenzene	10.008	95	39819	4.904	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	9.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	38031	4.875	ug/l	93
3) Chloromethane	1.230	50	43830	5.234	ug/l	97
4) Vinyl Chloride	1.298	62	45941	5.124	ug/l	99
5) Bromomethane	1.494	94	32301	5.715	ug/l	100
6) Chloroethane	1.558	64	29857	4.506	ug/l	93
7) Trichlorofluoromethane	1.725	101	67248	5.181	ug/l	100
8) Diethyl Ether	1.918	74	25304	5.251	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	39608	5.128	ug/l	99
10) Methyl Iodide	2.195	142	31463	4.278	ug/l	95
11) Tert butyl alcohol	2.571	59	40994	27.195	ug/l	97
12) 1,1-Dichloroethene	2.082	96	38859	5.230	ug/l	96
13) Acrolein	2.015	56	6095	23.302	ug/l	98
14) Allyl chloride	2.355	41	70683	5.326	ug/l	96
15) Acrylonitrile	2.677	53	128729	26.639	ug/l	99
16) Acetone	2.121	43	140190	26.199	ug/l	98
17) Carbon Disulfide	2.253	76	121350	5.340	ug/l	99
18) Methyl Acetate	2.381	43	54053	5.115	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	125944	5.319	ug/l	96
20) Methylene Chloride	2.455	84	54859	5.252	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	41151	5.202	ug/l	98
22) Diisopropyl ether	3.217	45	126181	4.969	ug/l #	64
23) Vinyl Acetate	3.191	43	570043	25.661	ug/l	99
24) 1,1-Dichloroethane	3.117	63	81764	5.265	ug/l	96
25) 2-Butanone	3.879	43	140360	25.002	ug/l	99
26) 2,2-Dichloropropane	3.812	77	68656	5.006	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	40984	4.698	ug/l	88
28) Bromochloromethane	4.153	49	25874	3.774	ug/l	97
29) Tetrahydrofuran	4.243	42	86190	24.110	ug/l	94
30) Chloroform	4.281	83	86066	5.308	ug/l	99
31) Cyclohexane	4.580	56	69326	5.450	ug/l #	94
32) 1,1,1-Trichloroethane	4.513	97	74539	5.310	ug/l	95
36) 1,1-Dichloropropene	4.744	75	44786	4.379	ug/l	99
37) Ethyl Acetate	3.995	43	60285	4.805	ug/l #	73
38) Carbon Tetrachloride	4.732	117	61498	4.992	ug/l	96
39) Methylcyclohexane	6.047	83	56805	4.633	ug/l	92
40) Benzene	5.014	78	163948	4.959	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.188	41	17959	4.995	ug/l #	86
42) 1,2-Dichloroethane	5.047	62	57857	4.994	ug/l	96
43) Isopropyl Acetate	5.204	43	77935	4.509	ug/l #	93
44) Trichloroethene	5.838	130	38395	5.033	ug/l	89
45) 1,2-Dichloropropane	6.098	63	39327	4.786	ug/l	100
46) Dibromomethane	6.233	93	31863	5.066	ug/l	98
47) Bromodichloromethane	6.429	83	64039	4.925	ug/l	95
48) Methyl methacrylate	6.313	41	29705	3.757	ug/l	93
49) 1,4-Dioxane	6.307	88	8999	72.413	ug/l #	79
51) 4-Methyl-2-Pentanone	7.153	43	255889	23.155	ug/l	99
52) Toluene	7.313	92	94414	4.925	ug/l	99
53) t-1,3-Dichloropropene	7.583	75	53878	4.755	ug/l	94
54) cis-1,3-Dichloropropene	6.957	75	58800	4.700	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	43788	5.094	ug/l	99
56) Ethyl methacrylate	7.722	69	42598	4.173	ug/l	97
57) 1,3-Dichloropropane	7.937	76	63818	4.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.818	63	81984	23.077	ug/l	100
59) 2-Hexanone	8.069	43	179185	22.071	ug/l	88
60) Dibromochloromethane	8.169	129	49953	5.100	ug/l	96
61) 1,2-Dibromoethane	8.278	107	44729	5.088	ug/l	98
64) Tetrachloroethene	7.899	164	34795	5.143	ug/l	98
65) Chlorobenzene	8.805	112	114424	5.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	40690	5.005	ug/l	95
67) Ethyl Benzene	8.940	91	157790	4.633	ug/l	97
68) m/p-Xylenes	9.066	106	115177	8.762	ug/l	98
69) o-Xylene	9.471	106	51281	4.406	ug/l	100
70) Styrene	9.490	104	83873	4.836	ug/l	96
71) Bromoform	9.657	173	31133	4.903	ug/l #	97
73) Isopropylbenzene	9.857	105	140251	4.545	ug/l	99
74) N-amyl acetate	9.731	43	54436	4.422	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	71656	5.299	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	51079m	5.273	ug/l	
77) Bromobenzene	10.146	156	39428	4.924	ug/l	95
78) n-propylbenzene	10.281	91	168794	4.492	ug/l	99
79) 2-Chlorotoluene	10.349	91	110002	4.892	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	114749	4.474	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.934	75	18154	4.499	ug/l	90
82) 4-Chlorotoluene	10.468	91	122429	4.695	ug/l	99
83) tert-Butylbenzene	10.789	119	117310	4.586	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	108157	4.343	ug/l	96
85) sec-Butylbenzene	11.014	105	153526	4.525	ug/l	99
86) p-Isopropyltoluene	11.169	119	127377	4.511	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	82673	5.102	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	91001	5.082	ug/l	94
89) n-Butylbenzene	11.583	91	119822	4.443	ug/l	96
90) Hexachloroethane	11.818	117	35762	5.143	ug/l	95
91) 1,2-Dichlorobenzene	11.570	146	76477	5.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	14163	5.211	ug/l	92
93) 1,2,4-Trichlorobenzene	13.191	180	39775	4.583	ug/l	100
94) Hexachlorobutadiene	13.368	225	22549	5.001	ug/l	98
95) Naphthalene	13.429	128	113395	4.062	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	38315	4.317	ug/l	96

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

