

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032134.D
 Acq On : 25 Aug 2025 15:16
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 26 04:11:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:03:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	223303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	390947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	189734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151697	49.471	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	98.940%		
35) Dibromofluoromethane	7.904	113	132162	49.795	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	99.580%		
50) Toluene-d8	10.325	98	487180	51.447	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	102.900%		
62) 4-Bromofluorobenzene	12.617	95	178845	50.882	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	101.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	58209	39.695	ug/l	100
3) Chloromethane	2.259	50	70477	44.328	ug/l	100
4) Vinyl Chloride	2.405	62	85833	44.224	ug/l	100
5) Bromomethane	2.826	94	76081	43.487	ug/l	100
6) Chloroethane	2.972	64	62307	45.241	ug/l	100
7) Trichlorofluoromethane	3.308	101	84678	43.221	ug/l	100
8) Diethyl Ether	3.722	74	64309	44.904	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	91798	42.490	ug/l	100
10) Methyl Iodide	4.314	142	158051	47.628	ug/l	100
11) Tert butyl alcohol	5.222	59	42037	219.523	ug/l	100
12) 1,1-Dichloroethene	4.082	96	108636	47.072	ug/l	100
13) Acrolein	3.936	56	19034	160.459	ug/l	100
14) Allyl chloride	4.704	41	157001	48.082	ug/l	100
15) Acrylonitrile	5.399	53	162951	230.691	ug/l	100
16) Acetone	4.161	43	156885	217.477	ug/l	100
17) Carbon Disulfide	4.423	76	272988	47.277	ug/l	100
18) Methyl Acetate	4.710	43	99752	48.567	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	205686	47.748	ug/l	100
20) Methylene Chloride	4.960	84	131038	45.132	ug/l	100
21) trans-1,2-Dichloroethene	5.466	96	124025	48.176	ug/l	100
22) Diisopropyl ether	6.344	45	349086	48.528	ug/l	100
23) Vinyl Acetate	6.289	43	1181522	239.464	ug/l	100
24) 1,1-Dichloroethane	6.240	63	220230	47.884	ug/l	100
25) 2-Butanone	7.197	43	229403	229.391	ug/l	100
26) 2,2-Dichloropropane	7.191	77	123553	49.091	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	152386	48.939	ug/l	100
28) Bromochloromethane	7.533	49	105557	49.528	ug/l	100
29) Tetrahydrofuran	7.551	42	143185	232.253	ug/l	100
30) Chloroform	7.691	83	253560	48.185	ug/l	100
31) Cyclohexane	7.972	56	160813	41.814	ug/l	100
32) 1,1,1-Trichloroethane	7.892	97	183072	47.884	ug/l	100
36) 1,1-Dichloropropene	8.093	75	159309	45.555	ug/l	100
37) Ethyl Acetate	7.270	43	96053	44.705	ug/l	100
38) Carbon Tetrachloride	8.087	117	171845	46.356	ug/l	100
39) Methylcyclohexane	9.343	83	186470	44.835	ug/l	100
40) Benzene	8.337	78	499163	46.352	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	52019	44.439	ug/l	100
42) 1,2-Dichloroethane	8.410	62	169842	45.335	ug/l	100
43) Isopropyl Acetate	8.435	43	178843	45.165	ug/l	100
44) Trichloroethene	9.105	130	131139	47.273	ug/l	100
45) 1,2-Dichloropropane	9.374	63	117655	45.379	ug/l	100
46) Dibromomethane	9.465	93	83099	45.956	ug/l	100
47) Bromodichloromethane	9.648	83	190477	46.468	ug/l	100
48) Methyl methacrylate	9.441	41	86812	46.662	ug/l	100
49) 1,4-Dioxane	9.465	88	20258	845.554	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	509308	228.265	ug/l	100
52) Toluene	10.392	92	333369	47.631	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	173950	47.232	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	199237	47.420	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	109319	46.293	ug/l	100
56) Ethyl methacrylate	10.648	69	145356	47.477	ug/l	100
57) 1,3-Dichloropropane	10.934	76	179666	45.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	406769	246.455	ug/l	100
59) 2-Hexanone	10.971	43	361520	227.846	ug/l	100
60) Dibromochloromethane	11.129	129	130251	45.528	ug/l	100
61) 1,2-Dibromoethane	11.239	107	107560	45.887	ug/l	100
64) Tetrachloroethene	10.861	164	105751	45.126	ug/l	100
65) Chlorobenzene	11.660	112	373840	46.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	122411	47.592	ug/l	100
67) Ethyl Benzene	11.733	91	656420	49.777	ug/l	100
68) m/p-Xylenes	11.837	106	498514	97.970	ug/l	100
69) o-Xylene	12.166	106	235161	48.803	ug/l	100
70) Styrene	12.178	104	411633	49.275	ug/l	100
71) Bromoform	12.349	173	74748	48.422	ug/l	100
73) Isopropylbenzene	12.465	105	610964	48.389	ug/l	100
74) N-amyl acetate	12.270	43	167015	45.489	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	128920	43.078	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	100443m	43.130	ug/l	
77) Bromobenzene	12.745	156	154504	47.609	ug/l	100
78) n-propylbenzene	12.800	91	744310	47.843	ug/l	100
79) 2-Chlorotoluene	12.891	91	435684	46.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	528208	48.999	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	40751	45.699	ug/l	100
82) 4-Chlorotoluene	12.989	91	465194	46.589	ug/l	100
83) tert-Butylbenzene	13.202	119	456708	49.556	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	538163	48.015	ug/l	100
85) sec-Butylbenzene	13.379	105	654846	47.795	ug/l	100
86) p-Isopropyltoluene	13.495	119	540142	46.643	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	289291	45.138	ug/l	100
88) 1,4-Dichlorobenzene	13.580	146	307348	47.031	ug/l	100
89) n-Butylbenzene	13.818	91	535059	48.105	ug/l	100
90) Hexachloroethane	14.092	117	101000	47.444	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	267757	45.727	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	23591	43.528	ug/l	100
93) 1,2,4-Trichlorobenzene	15.123	180	173135	46.834	ug/l	100
94) Hexachlorobutadiene	15.226	225	79348	44.571	ug/l	100
95) Naphthalene	15.360	128	387184	46.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	158208	46.301	ug/l	100

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

