

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032130.D
 Acq On : 25 Aug 2025 13:39
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 04:07:06 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

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	218008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	376595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	334825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	146213	48.841	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	97.680%		
35) Dibromofluoromethane	7.898	113	119351	46.682	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	93.360%		
50) Toluene-d8	10.331	98	429650	47.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	94.200%		
62) 4-Bromofluorobenzene	12.617	95	162381	47.958	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	95.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	33464	23.375	ug/l	96
3) Chloromethane	2.259	50	38746	24.962	ug/l	99
4) Vinyl Chloride	2.411	62	47483	25.059	ug/l	96
5) Bromomethane	2.826	94	42547	24.910	ug/l	94
6) Chloroethane	2.978	64	35428	26.349	ug/l	99
7) Trichlorofluoromethane	3.308	101	46487	24.304	ug/l	94
8) Diethyl Ether	3.722	74	38823	27.767	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	50034	23.721	ug/l	99
10) Methyl Iodide	4.313	142	86104	26.577	ug/l	99
11) Tert butyl alcohol	5.222	59	26230	140.303	ug/l	100
12) 1,1-Dichloroethene	4.076	96	59514	26.414	ug/l	96
13) Acrolein	3.929	56	18103	156.317	ug/l	97
14) Allyl chloride	4.710	41	84790	26.598	ug/l	98
15) Acrylonitrile	5.405	53	96589	140.063	ug/l	99
16) Acetone	4.161	43	88375	125.483	ug/l	99
17) Carbon Disulfide	4.423	76	140493	24.922	ug/l	99
18) Methyl Acetate	4.710	43	58597	29.222	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	120055	28.547	ug/l	99
20) Methylene Chloride	4.960	84	75526	26.644	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	66253	26.360	ug/l	93
22) Diisopropyl ether	6.344	45	195233	27.799	ug/l	97
23) Vinyl Acetate	6.289	43	664280	137.902	ug/l	97
24) 1,1-Dichloroethane	6.246	63	120827	26.909	ug/l	99
25) 2-Butanone	7.197	43	132210	135.414	ug/l	97
26) 2,2-Dichloropropane	7.191	77	64051	26.067	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	81343	26.758	ug/l	98
28) Bromochloromethane	7.532	49	102908	49.458	ug/l #	99
29) Tetrahydrofuran	7.551	42	85528	142.100	ug/l	100
30) Chloroform	7.691	83	138458	26.951	ug/l	97
31) Cyclohexane	7.971	56	88764	23.641	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	100108	26.820	ug/l	98
36) 1,1-Dichloropropene	8.099	75	86246	25.602	ug/l	98
37) Ethyl Acetate	7.276	43	57611	27.835	ug/l	99
38) Carbon Tetrachloride	8.081	117	89271	24.999	ug/l	94
39) Methylcyclohexane	9.343	83	95721	23.892	ug/l	100
40) Benzene	8.337	78	275285	26.537	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	32961	29.231	ug/l	94
42) 1,2-Dichloroethane	8.410	62	98205	27.212	ug/l	100
43) Isopropyl Acetate	8.435	43	103145	27.041	ug/l	99
44) Trichloroethene	9.099	130	70365	26.332	ug/l	96
45) 1,2-Dichloropropane	9.374	63	66398	26.585	ug/l	97
46) Dibromomethane	9.465	93	47252	27.128	ug/l	99
47) Bromodichloromethane	9.648	83	103679	26.257	ug/l	98
48) Methyl methacrylate	9.447	41	49124	27.410	ug/l	99
49) 1,4-Dioxane	9.465	88	13149	569.745	ug/l	97
51) 4-Methyl-2-Pentanone	10.215	43	306389	142.553	ug/l	99
52) Toluene	10.392	92	175583	26.043	ug/l	95
53) t-1,3-Dichloropropene	10.611	75	95404	26.892	ug/l	96
54) cis-1,3-Dichloropropene	10.081	75	108372	26.777	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	60711	26.689	ug/l	95
56) Ethyl methacrylate	10.648	69	81298	27.566	ug/l	98
57) 1,3-Dichloropropane	10.934	76	102975	27.122	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	372896	234.542	ug/l	100
59) 2-Hexanone	10.971	43	211932	138.659	ug/l	98
60) Dibromochloromethane	11.129	129	73903	26.816	ug/l	99
61) 1,2-Dibromoethane	11.239	107	62053	27.482	ug/l	97
64) Tetrachloroethene	10.861	164	58913	26.484	ug/l	91
65) Chlorobenzene	11.660	112	211597	27.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	67351	27.587	ug/l	99
67) Ethyl Benzene	11.733	91	339523	27.124	ug/l	99
68) m/p-Xylenes	11.836	106	265641	54.999	ug/l	99
69) o-Xylene	12.166	106	128418	28.077	ug/l	95
70) Styrene	12.178	104	221412	27.923	ug/l	99
71) Bromoform	12.349	173	42612	29.081	ug/l #	99
73) Isopropylbenzene	12.464	105	310006	25.694	ug/l	98
74) N-amyl acetate	12.269	43	94486	26.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	77967	27.263	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	58031m	26.077	ug/l	
77) Bromobenzene	12.745	156	83529	26.935	ug/l	93
78) n-propylbenzene	12.800	91	391216	26.316	ug/l	99
79) 2-Chlorotoluene	12.891	91	235695	26.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	272280	26.432	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	23043	27.042	ug/l	96
82) 4-Chlorotoluene	12.989	91	253889	26.609	ug/l	100
83) tert-Butylbenzene	13.202	119	230708	26.197	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	277477	25.908	ug/l	99
85) sec-Butylbenzene	13.379	105	331041	25.285	ug/l	99
86) p-Isopropyltoluene	13.495	119	287375	25.969	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	159056	25.971	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	160307	25.671	ug/l	94
89) n-Butylbenzene	13.818	91	271505	25.545	ug/l	99
90) Hexachloroethane	14.092	117	51207	25.172	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	151456	27.068	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	13912	26.863	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	90855	25.719	ug/l	99
94) Hexachlorobutadiene	15.226	225	39564	23.257	ug/l	98
95) Naphthalene	15.360	128	210415	26.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	83347	25.526	ug/l	94

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

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