

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032415.D
 Acq On : 11 Nov 2025 08:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 12 03:39:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	445777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	817849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	708146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	322015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	275705	47.973	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	95.940%		
35) Dibromofluoromethane	7.898	113	239960	49.005	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	98.000%		
50) Toluene-d8	10.325	98	948463	50.490	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.617	95	344073	48.486	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	96.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	102645	45.384	ug/l	100
3) Chloromethane	2.253	50	181695	46.869	ug/l	98
4) Vinyl Chloride	2.405	62	248915	50.876	ug/l	99
5) Bromomethane	2.826	94	165956	50.709	ug/l	97
6) Chloroethane	2.966	64	158338	49.465	ug/l	96
7) Trichlorofluoromethane	3.308	101	171358	44.672	ug/l	90
8) Diethyl Ether	3.722	74	150051	47.845	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	212667	50.895	ug/l	99
10) Methyl Iodide	4.301	142	333507	49.554	ug/l	100
11) Tert butyl alcohol	5.204	59	109182	219.702	ug/l	100
12) 1,1-Dichloroethene	4.076	96	245050	51.143	ug/l	99
13) Acrolein	3.929	56	188523	226.103	ug/l	100
14) Allyl chloride	4.704	41	467882	50.778	ug/l	99
15) Acrylonitrile	5.399	53	417316	230.141	ug/l	98
16) Acetone	4.155	43	458577	266.708	ug/l	98
17) Carbon Disulfide	4.417	76	734802	51.887	ug/l	98
18) Methyl Acetate	4.704	43	185868	43.653	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	496989	49.206	ug/l	98
20) Methylene Chloride	4.954	84	286929	46.663	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	272949	49.820	ug/l	99
22) Diisopropyl ether	6.338	45	938376	50.019	ug/l	94
23) Vinyl Acetate	6.283	43	3148049	244.919	ug/l	100
24) 1,1-Dichloroethane	6.246	63	515807	50.183	ug/l	99
25) 2-Butanone	7.185	43	595072	234.918	ug/l	98
26) 2,2-Dichloropropane	7.185	77	288631	50.386	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	328389	50.163	ug/l	98
28) Bromochloromethane	7.532	49	232262	47.810	ug/l	99
29) Tetrahydrofuran	7.551	42	361137	224.618	ug/l	99
30) Chloroform	7.691	83	502615	49.951	ug/l	99
31) Cyclohexane	7.965	56	460650	48.449	ug/l	92
32) 1,1,1-Trichloroethane	7.886	97	364762	50.745	ug/l	99
36) 1,1-Dichloropropene	8.093	75	361132	50.055	ug/l	99
37) Ethyl Acetate	7.270	43	251412	46.863	ug/l	98
38) Carbon Tetrachloride	8.081	117	318923	49.749	ug/l	98
39) Methylcyclohexane	9.343	83	468816	50.160	ug/l	92
40) Benzene	8.331	78	1143141	49.201	ug/l	97

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41) Methacrylonitrile	7.496	41	141617	48.053	ug/l	96
42) 1,2-Dichloroethane	8.410	62	324789	47.591	ug/l	100
43) Isopropyl Acetate	8.435	43	442753	46.608	ug/l	100
44) Trichloroethene	9.099	130	259215	47.946	ug/l	98
45) 1,2-Dichloropropane	9.374	63	284805	49.229	ug/l	100
46) Dibromomethane	9.465	93	161090	47.650	ug/l	97
47) Bromodichloromethane	9.648	83	381933	49.526	ug/l	96
48) Methyl methacrylate	9.441	41	201960	44.740	ug/l	94
49) 1,4-Dioxane	9.459	88	40632	857.939	ug/l #	100
51) 4-Methyl-2-Pentanone	10.209	43	1205412	229.535	ug/l	100
52) Toluene	10.392	92	700820	48.833	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	394229	49.637	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	457207	49.780	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	218099	47.026	ug/l	96
56) Ethyl methacrylate	10.648	69	337553	47.436	ug/l	99
57) 1,3-Dichloropropane	10.934	76	394094	47.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	914368	241.283	ug/l	100
59) 2-Hexanone	10.971	43	887011	230.859	ug/l	99
60) Dibromochloromethane	11.129	129	257490	49.716	ug/l	96
61) 1,2-Dibromoethane	11.239	107	214497	47.486	ug/l	97
64) Tetrachloroethene	10.867	164	215154	51.307	ug/l	90
65) Chlorobenzene	11.660	112	771179	50.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	237727	50.327	ug/l	99
67) Ethyl Benzene	11.733	91	1363632	51.634	ug/l	98
68) m/p-Xylenes	11.837	106	1019879	102.855	ug/l	99
69) o-Xylene	12.166	106	488742	51.478	ug/l	99
70) Styrene	12.178	104	855523	52.382	ug/l	99
71) Bromoform	12.349	173	136337	48.729	ug/l #	99
73) Isopropylbenzene	12.458	105	1232868	52.130	ug/l	99
74) N-amyl acetate	12.269	43	402411	48.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	269535	48.022	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	192185m	43.527	ug/l	
77) Bromobenzene	12.745	156	280951	50.174	ug/l	96
78) n-propylbenzene	12.800	91	1489489	51.716	ug/l	100
79) 2-Chlorotoluene	12.885	91	906183	51.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	1051417	53.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	95689	49.638	ug/l	99
82) 4-Chlorotoluene	12.983	91	938697	51.332	ug/l	97
83) tert-Butylbenzene	13.202	119	881442	51.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	1033235	52.065	ug/l	99
85) sec-Butylbenzene	13.379	105	1326807	52.490	ug/l	99
86) p-Isopropyltoluene	13.495	119	1083277	51.904	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	551922	51.987	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	543448	49.965	ug/l	100
89) n-Butylbenzene	13.818	91	1071061	52.529	ug/l	99
90) Hexachloroethane	14.086	117	192194	51.075	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	481235	49.379	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	44764	46.296	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	306764	49.463	ug/l	98
94) Hexachlorobutadiene	15.226	225	131507	51.047	ug/l	98
95) Naphthalene	15.360	128	746797	48.288	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	268151	47.624	ug/l	99

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

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