

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032509.D
 Acq On : 19 Nov 2025 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 01:21:50 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 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	339953	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	621310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	569383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	273664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	225203	51.383	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.760%	
35) Dibromofluoromethane	7.904	113	192976	51.876	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.760%	
50) Toluene-d8	10.325	98	739777	51.838	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.617	95	274954	51.003	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	86872	50.367	ug/l	92
3) Chloromethane	2.253	50	153537	51.934	ug/l	98
4) Vinyl Chloride	2.405	62	183647	49.220	ug/l	100
5) Bromomethane	2.826	94	125930	50.456	ug/l	96
6) Chloroethane	2.972	64	124753	51.105	ug/l	96
7) Trichlorofluoromethane	3.308	101	137929	47.150	ug/l	99
8) Diethyl Ether	3.722	74	125927	52.652	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	160240	50.285	ug/l	99
10) Methyl Iodide	4.314	142	260610	50.777	ug/l	98
11) Tert butyl alcohol	5.222	59	87045	229.681	ug/l	100
12) 1,1-Dichloroethene	4.082	96	183603	50.247	ug/l	93
13) Acrolein	3.929	56	90859	142.892	ug/l	100
14) Allyl chloride	4.704	41	346982	49.380	ug/l	98
15) Acrylonitrile	5.399	53	368930	266.791	ug/l	99
16) Acetone	4.155	43	305827	233.237	ug/l	98
17) Carbon Disulfide	4.423	76	523266	48.451	ug/l	98
18) Methyl Acetate	4.710	43	226982	69.904	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	386382	50.163	ug/l	99
20) Methylene Chloride	4.960	84	244217	52.080	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	218848	52.379	ug/l	96
22) Diisopropyl ether	6.338	45	769506	53.786	ug/l	99
23) Vinyl Acetate	6.283	43	2403464	245.198	ug/l	98
24) 1,1-Dichloroethane	6.246	63	427987	54.601	ug/l	99
25) 2-Butanone	7.191	43	486700	251.945	ug/l	99
26) 2,2-Dichloropropane	7.185	77	197919	45.306	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	267692	53.620	ug/l	99
28) Bromochloromethane	7.532	49	204646	55.239	ug/l	97
29) Tetrahydrofuran	7.551	42	331023	269.979	ug/l	98
30) Chloroform	7.697	83	431222	56.196	ug/l	100
31) Cyclohexane	7.971	56	347674	47.950	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	285997	52.173	ug/l	98
36) 1,1-Dichloropropene	8.093	75	294282	53.692	ug/l	99
37) Ethyl Acetate	7.270	43	211738	51.952	ug/l	100
38) Carbon Tetrachloride	8.087	117	257733	52.922	ug/l	96
39) Methylcyclohexane	9.343	83	354249	49.892	ug/l	95
40) Benzene	8.337	78	955714	54.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	115210	51.459	ug/l	98
42) 1,2-Dichloroethane	8.410	62	292362	56.391	ug/l	98
43) Isopropyl Acetate	8.435	43	372774	51.655	ug/l	99
44) Trichloroethene	9.099	130	215303	52.421	ug/l	96
45) 1,2-Dichloropropane	9.374	63	243883	55.491	ug/l	100
46) Dibromomethane	9.465	93	139698	54.393	ug/l	97
47) Bromodichloromethane	9.648	83	321281	54.840	ug/l	97
48) Methyl methacrylate	9.441	41	177389	51.728	ug/l	95
49) 1,4-Dioxane	9.465	88	38826	1079.135	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	1094680	274.388	ug/l	99
52) Toluene	10.392	92	589658	54.085	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	312153	51.736	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	366355	52.506	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	191701	54.410	ug/l	96
56) Ethyl methacrylate	10.648	69	289898	53.626	ug/l	99
57) 1,3-Dichloropropane	10.934	76	343821	54.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	818540	284.322	ug/l	100
59) 2-Hexanone	10.971	43	764977	262.079	ug/l	100
60) Dibromochloromethane	11.129	129	210361	53.465	ug/l	98
61) 1,2-Dibromoethane	11.239	107	183947	53.604	ug/l	97
64) Tetrachloroethene	10.867	164	195033	57.843	ug/l	89
65) Chlorobenzene	11.660	112	659010	53.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	205912	54.216	ug/l	97
67) Ethyl Benzene	11.727	91	1109658	52.257	ug/l	98
68) m/p-Xylenes	11.837	106	851093	106.751	ug/l	96
69) o-Xylene	12.166	106	403383	52.841	ug/l	98
70) Styrene	12.178	104	717919	54.669	ug/l	98
71) Bromoform	12.349	173	110253	49.010	ug/l #	100
73) Isopropylbenzene	12.458	105	1010040	50.254	ug/l	99
74) N-amyl acetate	12.269	43	338935	48.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	248528	52.103	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	178104m	47.464	ug/l	
77) Bromobenzene	12.745	156	234851	49.352	ug/l	91
78) n-propylbenzene	12.800	91	1269657	51.872	ug/l	100
79) 2-Chlorotoluene	12.891	91	764161	51.142	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	845415	50.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	78755	48.072	ug/l	96
82) 4-Chlorotoluene	12.983	91	788613	50.744	ug/l	99
83) tert-Butylbenzene	13.202	119	708002	49.084	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	875850	51.932	ug/l	100
85) sec-Butylbenzene	13.379	105	1054354	49.081	ug/l	100
86) p-Isopropyltoluene	13.495	119	882316	49.745	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	466494	51.704	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	458865	49.643	ug/l	96
89) n-Butylbenzene	13.818	91	852780	49.213	ug/l	99
90) Hexachloroethane	14.086	117	159108	49.753	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	420911	50.820	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	39857	48.504	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	249433	47.325	ug/l	94
94) Hexachlorobutadiene	15.226	225	92994	42.475	ug/l	83
95) Naphthalene	15.360	128	632982	48.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	233098	48.713	ug/l	95

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

