

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032529.D
 Acq On : 25 Nov 2025 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 01:36:59 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 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	353910	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	659809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	585550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	271795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	237697	52.095	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.200%			
35) Dibromofluoromethane	7.898	113	204363	51.732	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.460%			
50) Toluene-d8	10.324	98	789724	52.109	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.617	95	288717	50.431	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.039	85	96203	53.577	ug/l	94
3) Chloromethane	2.253	50	161270	52.398	ug/l	100
4) Vinyl Chloride	2.405	62	213042	54.847	ug/l	98
5) Bromomethane	2.820	94	135595	52.186	ug/l	92
6) Chloroethane	2.966	64	134258	52.830	ug/l	99
7) Trichlorofluoromethane	3.301	101	147853	48.549	ug/l	90
8) Diethyl Ether	3.722	74	127340	51.143	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	183984	55.460	ug/l	99
10) Methyl Iodide	4.307	142	274793	51.429	ug/l	99
11) Tert butyl alcohol	5.209	59	91011	230.676	ug/l	100
12) 1,1-Dichloroethene	4.069	96	205061	53.907	ug/l	93
13) Acrolein	3.929	56	77696	117.372	ug/l	98
14) Allyl chloride	4.697	41	387540	52.976	ug/l	98
15) Acrylonitrile	5.398	53	383084	266.101	ug/l	99
16) Acetone	4.155	43	340160	249.190	ug/l	98
17) Carbon Disulfide	4.417	76	589846	52.462	ug/l	98
18) Methyl Acetate	4.703	43	185851	54.980	ug/l	99
19) Methyl tert-butyl Ether	5.459	73	410670	51.214	ug/l	99
20) Methylene Chloride	4.953	84	249359	51.080	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	236793	54.439	ug/l	99
22) Diisopropyl ether	6.337	45	796727	53.492	ug/l	97
23) Vinyl Acetate	6.282	43	2687674	263.379	ug/l	99
24) 1,1-Dichloroethane	6.240	63	456185	55.903	ug/l	99
25) 2-Butanone	7.191	43	493694	245.487	ug/l	97
26) 2,2-Dichloropropane	7.179	77	235418	51.765	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	277965	53.482	ug/l	98
28) Bromochloromethane	7.526	49	202678	52.550	ug/l	95
29) Tetrahydrofuran	7.550	42	334987	262.437	ug/l	99
30) Chloroform	7.691	83	448629	56.159	ug/l	94
31) Cyclohexane	7.971	56	398174	52.749	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	315729	55.325	ug/l	98
36) 1,1-Dichloropropene	8.093	75	324476	55.746	ug/l	98
37) Ethyl Acetate	7.270	43	219351	50.680	ug/l	99
38) Carbon Tetrachloride	8.081	117	290271	56.126	ug/l	97
39) Methylcyclohexane	9.343	83	410378	54.424	ug/l	93
40) Benzene	8.337	78	994259	53.043	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	128114	53.884	ug/l	95
42) 1,2-Dichloroethane	8.410	62	296832	53.913	ug/l	98
43) Isopropyl Acetate	8.434	43	388102	50.641	ug/l	99
44) Trichloroethene	9.099	130	224242	51.412	ug/l	96
45) 1,2-Dichloropropane	9.373	63	251539	53.893	ug/l	99
46) Dibromomethane	9.465	93	145263	53.260	ug/l	99
47) Bromodichloromethane	9.648	83	333533	53.609	ug/l	96
48) Methyl methacrylate	9.440	41	192444	52.843	ug/l	99
49) 1,4-Dioxane	9.459	88	38807	1015.672	ug/l #	97
51) 4-Methyl-2-Pentanone	10.208	43	1122985	265.059	ug/l	99
52) Toluene	10.391	92	635528	54.891	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	336762	52.558	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	396661	53.532	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	197663	52.828	ug/l	97
56) Ethyl methacrylate	10.647	69	294875	51.364	ug/l	99
57) 1,3-Dichloropropane	10.934	76	349586	52.312	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	793914	259.677	ug/l	99
59) 2-Hexanone	10.964	43	785135	253.290	ug/l	99
60) Dibromochloromethane	11.129	129	217712	52.104	ug/l	98
61) 1,2-Dibromoethane	11.233	107	187919	51.566	ug/l	100
64) Tetrachloroethene	10.861	164	187807	54.162	ug/l	92
65) Chlorobenzene	11.659	112	660376	52.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	206458	52.858	ug/l	97
67) Ethyl Benzene	11.726	91	1181320	54.096	ug/l	99
68) m/p-Xylenes	11.836	106	911965	111.228	ug/l	98
69) o-Xylene	12.165	106	422318	53.794	ug/l	98
70) Styrene	12.178	104	747573	55.356	ug/l	99
71) Bromoform	12.348	173	123142	53.228	ug/l #	96
73) Isopropylbenzene	12.458	105	1077179	53.962	ug/l	99
74) N-amyl acetate	12.269	43	353773	51.002	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	252433	53.286	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	213990m	57.420	ug/l	
77) Bromobenzene	12.745	156	246305	52.115	ug/l	94
78) n-propylbenzene	12.799	91	1384706	56.962	ug/l	98
79) 2-Chlorotoluene	12.891	91	795584	53.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	917204	55.695	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	84161	51.725	ug/l	93
82) 4-Chlorotoluene	12.982	91	833615	54.009	ug/l	97
83) tert-Butylbenzene	13.202	119	778905	54.371	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	905564	54.063	ug/l	98
85) sec-Butylbenzene	13.379	105	1177159	55.174	ug/l	99
86) p-Isopropyltoluene	13.494	119	975222	55.361	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	503505	56.190	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	497995	54.246	ug/l	99
89) n-Butylbenzene	13.818	91	968255	56.261	ug/l	100
90) Hexachloroethane	14.086	117	181490	57.142	ug/l	95
91) 1,2-Dichlorobenzene	13.860	146	432986	52.637	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	41326	50.638	ug/l	98
93) 1,2,4-Trichlorobenzene	15.122	180	260106	49.689	ug/l	94
94) Hexachlorobutadiene	15.226	225	117133	53.868	ug/l	90
95) Naphthalene	15.360	128	657387	50.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	250452	52.700	ug/l	92

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

