

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032269.D
 Acq On : 26 Sep 2025 10:08
 Operator : SY/MD
 Sample : VW0926SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Quant Time: Sep 27 04:31:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 09/29/2025
 Supervised By :Semsettin
 Yesilyurt
 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	258288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	477257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	426681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	223480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	192065	47.094	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	94.180%		
35) Dibromofluoromethane	7.904	113	158775	46.259	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	92.520%		
50) Toluene-d8	10.325	98	579559	46.852	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	93.700%		
62) 4-Bromofluorobenzene	12.617	95	225595	48.349	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	96.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	37842	21.206	ug/l	98
3) Chloromethane	2.253	50	51625	20.215	ug/l	96
4) Vinyl Chloride	2.405	62	67947	22.772	ug/l	96
5) Bromomethane	2.820	94	47148	23.140	ug/l	88
6) Chloroethane	2.966	64	43409	21.469	ug/l	96
7) Trichlorofluoromethane	3.301	101	41970	18.668	ug/l	98
8) Diethyl Ether	3.716	74	42168	19.836	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	62237	21.687	ug/l	100
10) Methyl Iodide	4.307	142	83781	21.585	ug/l	99
11) Tert butyl alcohol	5.222	59	30277	106.950	ug/l	96
12) 1,1-Dichloroethene	4.082	96	67892	22.132	ug/l	87
13) Acrolein	3.929	56	48232	95.724	ug/l	96
14) Allyl chloride	4.698	41	101529	21.326	ug/l	99
15) Acrylonitrile	5.399	53	99331	90.724	ug/l	98
16) Acetone	4.161	43	124429	118.802	ug/l	100
17) Carbon Disulfide	4.417	76	156951	22.253	ug/l	99
18) Methyl Acetate	4.704	43	58117	16.134	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	116547	20.496	ug/l	98
20) Methylene Chloride	4.954	84	97152	21.347	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	69980	21.155	ug/l	96
22) Diisopropyl ether	6.338	45	224780	21.248	ug/l	93
23) Vinyl Acetate	6.283	43	702126	103.170	ug/l	99
24) 1,1-Dichloroethane	6.240	63	139846	20.941	ug/l	99
25) 2-Butanone	7.197	43	147498	101.035	ug/l	93
26) 2,2-Dichloropropane	7.185	77	69568	21.140	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	83416	20.275	ug/l	97
28) Bromochloromethane	7.532	49	64260	20.166	ug/l #	99
29) Tetrahydrofuran	7.551	42	85741	90.468	ug/l	99
30) Chloroform	7.691	83	144668	20.763	ug/l	98
31) Cyclohexane	7.971	56	112115	21.291	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	99064	21.104	ug/l	98
36) 1,1-Dichloropropene	8.093	75	94168	20.350	ug/l	98
37) Ethyl Acetate	7.270	43	59573	19.411	ug/l	99
38) Carbon Tetrachloride	8.081	117	90875	20.874	ug/l	99
39) Methylcyclohexane	9.343	83	108509	20.265	ug/l	97
40) Benzene	8.337	78	305208	20.954	ug/l	100

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41) Methacrylonitrile	7.496	41	31816	18.101	ug/l	96
42) 1,2-Dichloroethane	8.410	62	97519	20.142	ug/l	99
43) Isopropyl Acetate	8.435	43	103104	18.768	ug/l	99
44) Trichloroethene	9.099	130	71206	20.915	ug/l	94
45) 1,2-Dichloropropane	9.374	63	77145	20.449	ug/l	98
46) Dibromomethane	9.465	93	46372	19.993	ug/l	98
47) Bromodichloromethane	9.648	83	106292	20.093	ug/l	100
48) Methyl methacrylate	9.441	41	48310	18.692	ug/l	98
49) 1,4-Dioxane	9.459	88	11583	372.877	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	299407	91.920	ug/l	98
52) Toluene	10.392	92	187424	20.760	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	97505	20.117	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	114169	20.403	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	61241	19.344	ug/l	94
56) Ethyl methacrylate	10.648	69	79427	19.046	ug/l	99
57) 1,3-Dichloropropane	10.934	76	108013	19.749	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	200248	87.473	ug/l	100
59) 2-Hexanone	10.971	43	213695	96.071	ug/l	97
60) Dibromochloromethane	11.129	129	69693	20.044	ug/l	98
61) 1,2-Dibromoethane	11.239	107	59022	19.678	ug/l	97
64) Tetrachloroethene	10.861	164	55720	21.429	ug/l	86
65) Chlorobenzene	11.660	112	213331	21.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	64799	20.847	ug/l	97
67) Ethyl Benzene	11.727	91	349768	21.742	ug/l	100
68) m/p-Xylenes	11.837	106	272503	44.189	ug/l	97
69) o-Xylene	12.166	106	124923	21.555	ug/l	96
70) Styrene	12.178	104	225931	22.230	ug/l	100
71) Bromoform	12.349	173	35746	19.735	ug/l	97
73) Isopropylbenzene	12.464	105	320847	20.627	ug/l	100
74) N-amyl acetate	12.269	43	93561	19.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	76820	18.837	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	56341m	18.325	ug/l	
77) Bromobenzene	12.745	156	77712	20.312	ug/l	93
78) n-propylbenzene	12.800	91	415955	21.290	ug/l	100
79) 2-Chlorotoluene	12.891	91	250287	21.147	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	275113	20.687	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	21754	18.378	ug/l	93
82) 4-Chlorotoluene	12.989	91	260792	20.849	ug/l	100
83) tert-Butylbenzene	13.202	119	224202	20.159	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	278390	20.618	ug/l	99
85) sec-Butylbenzene	13.379	105	347938	20.833	ug/l	99
86) p-Isopropyltoluene	13.495	119	290111	20.974	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	163503	21.606	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	159112	20.581	ug/l	98
89) n-Butylbenzene	13.818	91	289490	20.855	ug/l	99
90) Hexachloroethane	14.092	117	53545	20.770	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	147974	20.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	12549	17.990	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	83072	19.780	ug/l	100
94) Hexachlorobutadiene	15.232	225	41545	21.539	ug/l	87
95) Naphthalene	15.360	128	188745	18.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	74748	19.141	ug/l	93

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

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