

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032053.D
 Acq On : 11 Aug 2025 09:09
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

Quant Time: Aug 12 03:37:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 03:34:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	225221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	426784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	385631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	33671	10.337	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	20.680%#		
35) Dibromofluoromethane	7.904	113	27978	10.147	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	20.300%#		
50) Toluene-d8	10.331	98	100702	9.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	19.740%#		
62) 4-Bromofluorobenzene	12.617	95	36748	9.778	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	19.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.039	85	17258	10.714	ug/l	99
3) Chloromethane	2.253	50	21693	9.998	ug/l	91
4) Vinyl Chloride	2.405	62	27978	10.660	ug/l	92
5) Bromomethane	2.826	94	20345	10.332	ug/l	93
6) Chloroethane	2.966	64	17509	10.081	ug/l	98
7) Trichlorofluoromethane	3.301	101	19623	9.333	ug/l	99
8) Diethyl Ether	3.716	74	17227	10.000	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	25491	10.276	ug/l	99
10) Methyl Iodide	4.301	142	35515	10.098	ug/l	98
11) Tert butyl alcohol	5.228	59	10754	50.985	ug/l	98
12) 1,1-Dichloroethene	4.082	96	27944	10.231	ug/l	99
13) Acrolein	3.929	56	18650	55.493	ug/l	94
14) Allyl chloride	4.704	41	39114	9.839	ug/l	100
15) Acrylonitrile	5.405	53	42536	51.842	ug/l	100
16) Acetone	4.161	43	40816	54.122	ug/l	99
17) Carbon Disulfide	4.423	76	72806	9.931	ug/l	97
18) Methyl Acetate	4.716	43	27191	11.394	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	47872	9.947	ug/l	97
20) Methylene Chloride	4.960	84	35462	10.170	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	28875	9.962	ug/l	93
22) Diisopropyl ether	6.344	45	84045	10.029	ug/l	97
23) Vinyl Acetate	6.283	43	259050	47.081	ug/l	99
24) 1,1-Dichloroethane	6.240	63	54051	10.095	ug/l	98
25) 2-Butanone	7.197	43	54327	50.685	ug/l	98
26) 2,2-Dichloropropane	7.185	77	27463	10.224	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	33173	9.791	ug/l	99
28) Bromochloromethane	7.532	49	24412	10.019	ug/l	99
29) Tetrahydrofuran	7.557	42	35909	50.800	ug/l	99
30) Chloroform	7.697	83	57170	10.071	ug/l	99
31) Cyclohexane	7.971	56	48633	10.477	ug/l #	95
32) 1,1,1-Trichloroethane	7.886	97	42747	10.368	ug/l	97
36) 1,1-Dichloropropene	8.093	75	38994	10.032	ug/l	99
37) Ethyl Acetate	7.276	43	23053	10.070	ug/l	96
38) Carbon Tetrachloride	8.081	117	37535	10.007	ug/l	91
39) Methylcyclohexane	9.343	83	46100	9.731	ug/l	96
40) Benzene	8.337	78	121462	10.053	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	11729	9.035	ug/l #	90
42) 1,2-Dichloroethane	8.410	62	39882	10.316	ug/l	100
43) Isopropyl Acetate	8.435	43	41036	9.743	ug/l	98
44) Trichloroethene	9.105	130	28498	9.905	ug/l	99
45) 1,2-Dichloropropane	9.374	63	29199	10.004	ug/l	98
46) Dibromomethane	9.471	93	18653	9.901	ug/l	98
47) Bromodichloromethane	9.654	83	42618	9.818	ug/l	98
48) Methyl methacrylate	9.441	41	19654	9.666	ug/l	98
49) 1,4-Dioxane	9.465	88	4684	192.302	ug/l	99
51) 4-Methyl-2-Pentanone	10.215	43	121419	51.075	ug/l	99
52) Toluene	10.392	92	75250	9.888	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	38397	9.441	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	44031	9.543	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	25277	10.097	ug/l	96
56) Ethyl methacrylate	10.648	69	31022	9.260	ug/l	97
57) 1,3-Dichloropropane	10.934	76	44743	10.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	88627	47.830	ug/l	100
59) 2-Hexanone	10.971	43	82830	50.310	ug/l	97
60) Dibromochloromethane	11.129	129	27954	9.776	ug/l	100
61) 1,2-Dibromoethane	11.239	107	24146	9.926	ug/l	99
64) Tetrachloroethene	10.867	164	23235	10.431	ug/l	90
65) Chlorobenzene	11.660	112	86096	10.257	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	26286	10.037	ug/l	97
67) Ethyl Benzene	11.733	91	139254	9.794	ug/l	98
68) m/p-Xylenes	11.837	106	108990	19.866	ug/l	98
69) o-Xylene	12.166	106	49259	9.714	ug/l	97
70) Styrene	12.184	104	87542	9.719	ug/l	99
71) Bromoform	12.349	173	14547	9.711	ug/l #	97
73) Isopropylbenzene	12.464	105	125246	9.886	ug/l	98
74) N-amyl acetate	12.269	43	35636	9.804	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	31581	10.499	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	25489m	9.147	ug/l	
77) Bromobenzene	12.745	156	31656	10.462	ug/l	98
78) n-propylbenzene	12.800	91	156266	10.019	ug/l	98
79) 2-Chlorotoluene	12.891	91	96942	10.071	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	108123	10.053	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	8936	9.403	ug/l	90
82) 4-Chlorotoluene	12.989	91	103329	10.103	ug/l	100
83) tert-Butylbenzene	13.202	119	86848	9.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	110697	10.110	ug/l	99
85) sec-Butylbenzene	13.379	105	131663	9.756	ug/l	98
86) p-Isopropyltoluene	13.495	119	110557	9.827	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	62383	10.361	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	62843	10.328	ug/l	98
89) n-Butylbenzene	13.818	91	108004	9.881	ug/l	99
90) Hexachloroethane	14.086	117	20175	9.805	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	56501	10.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	5305	9.920	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	31816	9.751	ug/l	97
94) Hexachlorobutadiene	15.232	225	14987	10.276	ug/l	98
95) Naphthalene	15.360	128	76287	9.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	28678	9.660	ug/l	99

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

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