

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032373.D
 Acq On : 07 Oct 2025 11:02
 Operator : SY/MD
 Sample : VW1007SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 03:19:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	275185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	506458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	451505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	227270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	196778	49.026	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	98.060%		
35) Dibromofluoromethane	7.898	113	158773	48.408	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	96.820%		
50) Toluene-d8	10.325	98	615612	50.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.617	95	225184	49.216	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	98.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	40612	23.518	ug/l	96
3) Chloromethane	2.259	50	55411	20.796	ug/l	97
4) Vinyl Chloride	2.405	62	69688	21.907	ug/l	99
5) Bromomethane	2.820	94	48052	20.555	ug/l	97
6) Chloroethane	2.972	64	44784	21.324	ug/l	100
7) Trichlorofluoromethane	3.308	101	54116	22.721	ug/l	95
8) Diethyl Ether	3.722	74	43042	20.855	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.094	101	63225	22.132	ug/l	94
10) Methyl Iodide	4.308	142	85504	20.977	ug/l	99
11) Tert butyl alcohol	5.222	59	25154	82.794	ug/l #	86
12) 1,1-Dichloroethene	4.076	96	69483	22.404	ug/l	95
13) Acrolein	3.930	56	41736	84.645	ug/l	100
14) Allyl chloride	4.704	41	103515	19.761	ug/l	91
15) Acrylonitrile	5.405	53	105575	98.328	ug/l	97
16) Acetone	4.161	43	100964	90.846	ug/l	92
17) Carbon Disulfide	4.417	76	178120	21.049	ug/l	99
18) Methyl Acetate	4.710	43	60015	18.851	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	116700	19.105	ug/l	94
20) Methylene Chloride	4.960	84	78042	17.766	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	73029	21.268	ug/l	97
22) Diisopropyl ether	6.344	45	221512	20.333	ug/l	95
23) Vinyl Acetate	6.283	43	713758	98.089	ug/l	99
24) 1,1-Dichloroethane	6.246	63	138641	20.947	ug/l	100
25) 2-Butanone	7.197	43	135490	89.513	ug/l	100
26) 2,2-Dichloropropane	7.185	77	68990	20.378	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	82908	20.099	ug/l	94
28) Bromochloromethane	7.533	49	61626	19.790	ug/l	88
29) Tetrahydrofuran	7.557	42	91570	96.199	ug/l	94
30) Chloroform	7.697	83	142766	21.269	ug/l	99
31) Cyclohexane	7.971	56	120559	21.336	ug/l	95
32) 1,1,1-Trichloroethane	7.892	97	100910	21.215	ug/l	98
36) 1,1-Dichloropropene	8.100	75	100445	21.700	ug/l	97
37) Ethyl Acetate	7.277	43	59762	19.397	ug/l	97
38) Carbon Tetrachloride	8.081	117	95888	22.014	ug/l	94
39) Methylcyclohexane	9.343	83	118731	21.265	ug/l	92
40) Benzene	8.337	78	306529	21.127	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	34849	20.988	ug/l	89
42) 1,2-Dichloroethane	8.417	62	97985	20.640	ug/l	99
43) Isopropyl Acetate	8.435	43	106530	19.491	ug/l	98
44) Trichloroethene	9.099	130	70330	20.702	ug/l	94
45) 1,2-Dichloropropane	9.374	63	76114	21.017	ug/l	99
46) Dibromomethane	9.465	93	45854	20.591	ug/l	95
47) Bromodichloromethane	9.654	83	105527	20.718	ug/l	98
48) Methyl methacrylate	9.441	41	50653	19.061	ug/l	92
49) 1,4-Dioxane	9.465	88	12452	409.095	ug/l	91
51) 4-Methyl-2-Pentanone	10.215	43	312919	98.846	ug/l	98
52) Toluene	10.392	92	192112	21.262	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	96722	19.573	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	112592	19.780	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	62270	20.922	ug/l	98
56) Ethyl methacrylate	10.648	69	79037	18.972	ug/l	96
57) 1,3-Dichloropropane	10.934	76	107144	20.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	201252	90.773	ug/l	96
59) 2-Hexanone	10.971	43	211955	94.930	ug/l	98
60) Dibromochloromethane	11.129	129	67003	19.826	ug/l	97
61) 1,2-Dibromoethane	11.239	107	58990	20.326	ug/l	98
64) Tetrachloroethene	10.861	164	58192	21.539	ug/l	88
65) Chlorobenzene	11.654	112	208176	20.955	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	65684	21.228	ug/l	98
67) Ethyl Benzene	11.727	91	346328	20.915	ug/l	97
68) m/p-Xylenes	11.837	106	276133	43.245	ug/l	99
69) o-Xylene	12.166	106	122824	20.569	ug/l	95
70) Styrene	12.178	104	225190	21.599	ug/l	97
71) Bromoform	12.349	173	35092	19.786	ug/l #	99
73) Isopropylbenzene	12.465	105	322321	20.730	ug/l	100
74) N-amyl acetate	12.270	43	95839	19.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	79941	20.706	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	60656m	20.281	ug/l	
77) Bromobenzene	12.745	156	76053	20.291	ug/l	86
78) n-propylbenzene	12.800	91	416312	21.434	ug/l	97
79) 2-Chlorotoluene	12.891	91	247520	20.843	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	281385	20.929	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	21752	18.425	ug/l	97
82) 4-Chlorotoluene	12.983	91	262210	20.768	ug/l	98
83) tert-Butylbenzene	13.202	119	232525	21.078	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	284158	20.785	ug/l	100
85) sec-Butylbenzene	13.379	105	361502	21.444	ug/l	99
86) p-Isopropyltoluene	13.495	119	297342	21.257	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	157645	20.771	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	153489	20.225	ug/l	97
89) n-Butylbenzene	13.818	91	288939	21.156	ug/l	98
90) Hexachloroethane	14.086	117	54120	21.585	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	142357	20.749	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	13335	19.728	ug/l	85
93) 1,2,4-Trichlorobenzene	15.129	180	82795	20.125	ug/l	99
94) Hexachlorobutadiene	15.226	225	38591	20.517	ug/l	92
95) Naphthalene	15.360	128	188816	19.111	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	73925	19.064	ug/l	99

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

