

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032539.D
 Acq On : 26 Nov 2025 13:27
 Operator : SY/MD
 Sample : VW1126SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1126SBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/01/2025
 Supervised By : Mahesh Dadoda 12/01/2025

Quant Time: Nov 27 00:27:11 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

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	335704	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	620682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	568775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	279860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	254292	58.755	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.500%			
35) Dibromofluoromethane	7.898	113	200637	53.990	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.980%			
50) Toluene-d8	10.325	98	741058	51.980	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.617	95	289278	53.714	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 107.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	41969	24.641	ug/l	98
3) Chloromethane	2.259	50	68175	23.352	ug/l	99
4) Vinyl Chloride	2.405	62	84422	22.913	ug/l	100
5) Bromomethane	2.820	94	58195	23.612	ug/l	89
6) Chloroethane	2.972	64	56686	23.515	ug/l	99
7) Trichlorofluoromethane	3.302	101	65655	22.728	ug/l	97
8) Diethyl Ether	3.722	74	54750	23.181	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	75232	23.908	ug/l	97
10) Methyl Iodide	4.314	142	105445	20.805	ug/l	97
11) Tert butyl alcohol	5.216	59	46100	123.181	ug/l	98
12) 1,1-Dichloroethene	4.082	96	82307	22.810	ug/l	95
13) Acrolein	3.929	56	48408	77.094	ug/l	100
14) Allyl chloride	4.704	41	150732	21.722	ug/l	96
15) Acrylonitrile	5.399	53	156692	114.746	ug/l	98
16) Acetone	4.161	43	174379	134.672	ug/l	95
17) Carbon Disulfide	4.423	76	223487	20.956	ug/l	100
18) Methyl Acetate	4.704	43	80468	25.096	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	165385	21.743	ug/l	98
20) Methylene Chloride	4.948	84	114818	24.795	ug/l	94
21) trans-1,2-Dichloroethene	5.466	96	90110	21.840	ug/l	95
22) Diisopropyl ether	6.344	45	328202	23.230	ug/l	99
23) Vinyl Acetate	6.283	43	1103246	113.976	ug/l	98
24) 1,1-Dichloroethane	6.240	63	184463	23.831	ug/l	98
25) 2-Butanone	7.191	43	228179	119.614	ug/l	98
26) 2,2-Dichloropropane	7.191	77	99602	23.089	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	108260	21.960	ug/l	93
28) Bromochloromethane	7.532	49	87968	24.045	ug/l	94
29) Tetrahydrofuran	7.551	42	144042	118.966	ug/l	97
30) Chloroform	7.691	83	184812	24.389	ug/l	96
31) Cyclohexane	7.971	56	156380	21.840	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	128265	23.695	ug/l	94
36) 1,1-Dichloropropene	8.093	75	125691	22.956	ug/l	99
37) Ethyl Acetate	7.276	43	97927	24.052	ug/l	98
38) Carbon Tetrachloride	8.081	117	114621	23.560	ug/l	95
39) Methylcyclohexane	9.343	83	146832	20.700	ug/l	93
40) Benzene	8.337	78	402128	22.806	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	48939	21.881	ug/l	97
42) 1,2-Dichloroethane	8.410	62	131966	25.480	ug/l	99
43) Isopropyl Acetate	8.435	43	167947	23.296	ug/l	98
44) Trichloroethene	9.099	130	86247	21.020	ug/l	95
45) 1,2-Dichloropropane	9.374	63	103587	23.593	ug/l	98
46) Dibromomethane	9.465	93	62369	24.309	ug/l	98
47) Bromodichloromethane	9.648	83	140637	24.030	ug/l	99
48) Methyl methacrylate	9.441	41	74918	21.869	ug/l	95
49) 1,4-Dioxane	9.465	88	17207	478.738	ug/l #	95
51) 4-Methyl-2-Pentanone	10.215	43	492057	123.462	ug/l	96
52) Toluene	10.392	92	248119	22.781	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	134854	22.373	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	152438	21.869	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	83698	23.780	ug/l	97
56) Ethyl methacrylate	10.648	69	112805	20.888	ug/l	93
57) 1,3-Dichloropropane	10.934	76	147192	23.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	330271	114.836	ug/l	99
59) 2-Hexanone	10.971	43	345026	118.324	ug/l	97
60) Dibromochloromethane	11.135	129	89346	22.731	ug/l	99
61) 1,2-Dibromoethane	11.233	107	79173	23.095	ug/l	100
64) Tetrachloroethene	10.861	164	70794	21.019	ug/l	94
65) Chlorobenzene	11.654	112	268839	21.930	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	85748	22.601	ug/l	98
67) Ethyl Benzene	11.733	91	450136	21.221	ug/l	100
68) m/p-Xylenes	11.837	106	356130	44.716	ug/l	95
69) o-Xylene	12.166	106	158809	20.826	ug/l	96
70) Styrene	12.178	104	288062	21.959	ug/l	99
71) Bromoform	12.349	173	49936	22.221	ug/l #	95
73) Isopropylbenzene	12.464	105	404944	19.702	ug/l	99
74) N-amyl acetate	12.269	43	150925	21.131	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.708	83	109057	22.357	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	77752m	20.262	ug/l	
77) Bromobenzene	12.745	156	96460	19.821	ug/l	88
78) n-propylbenzene	12.800	91	528028	21.095	ug/l	98
79) 2-Chlorotoluene	12.885	91	318930	20.872	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	354541	20.908	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	34136	20.375	ug/l	90
82) 4-Chlorotoluene	12.983	91	341978	21.518	ug/l	99
83) tert-Butylbenzene	13.202	119	294278	19.950	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	353468	20.494	ug/l	98
85) sec-Butylbenzene	13.379	105	444665	20.241	ug/l	100
86) p-Isopropyltoluene	13.495	119	369689	20.381	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	210184	22.780	ug/l	91
88) 1,4-Dichlorobenzene	13.574	146	213417	22.577	ug/l	99
89) n-Butylbenzene	13.818	91	360092	20.320	ug/l	99
90) Hexachloroethane	14.086	117	70341	21.509	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	185394	21.888	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	18507	22.024	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	104896	19.461	ug/l	92
94) Hexachlorobutadiene	15.226	225	50470	22.542	ug/l	96
95) Naphthalene	15.360	128	258122	19.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	101723	20.788	ug/l	91

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

