

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032532.D
 Acq On : 25 Nov 2025 10:46
 Operator : SY/MD
 Sample : VW1125SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1125SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 01:39:00 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	7.965	168	373267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	705017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	657789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	307491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	256553	53.312	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 106.620%			
35) Dibromofluoromethane	7.898	113	218394	51.739	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.480%			
50) Toluene-d8	10.325	98	805422	49.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.617	95	312420	51.072	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	40713	21.498	ug/l	95
3) Chloromethane	2.259	50	70474	21.710	ug/l	94
4) Vinyl Chloride	2.411	62	89995	21.967	ug/l	100
5) Bromomethane	2.820	94	59601	21.749	ug/l	99
6) Chloroethane	2.966	64	60710	22.650	ug/l	93
7) Trichlorofluoromethane	3.301	101	67555	21.032	ug/l	97
8) Diethyl Ether	3.722	74	58755	22.374	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	79935	22.846	ug/l	99
10) Methyl Iodide	4.320	142	121023	21.475	ug/l	99
11) Tert butyl alcohol	5.222	59	42520	102.182	ug/l	97
12) 1,1-Dichloroethene	4.082	96	88361	22.024	ug/l	91
13) Acrolein	3.935	56	51651	73.981	ug/l	97
14) Allyl chloride	4.704	41	165502	21.451	ug/l	99
15) Acrylonitrile	5.405	53	167653	110.417	ug/l	100
16) Acetone	4.167	43	161680	112.299	ug/l	94
17) Carbon Disulfide	4.429	76	248583	20.963	ug/l	99
18) Methyl Acetate	4.710	43	81069	22.739	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	180212	21.309	ug/l	98
20) Methylene Chloride	4.954	84	113265	21.998	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	99261	21.637	ug/l	96
22) Diisopropyl ether	6.344	45	349003	22.217	ug/l	98
23) Vinyl Acetate	6.283	43	1169027	108.618	ug/l	96
24) 1,1-Dichloroethane	6.246	63	194079	22.550	ug/l	100
25) 2-Butanone	7.197	43	231257	109.028	ug/l	98
26) 2,2-Dichloropropane	7.191	77	102013	21.268	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	121216	22.113	ug/l	98
28) Bromochloromethane	7.532	49	92137	22.650	ug/l	95
29) Tetrahydrofuran	7.557	42	147199	109.339	ug/l	99
30) Chloroform	7.697	83	199211	23.644	ug/l	97
31) Cyclohexane	7.971	56	171912	21.593	ug/l	94
32) 1,1,1-Trichloroethane	7.892	97	137329	22.816	ug/l	97
36) 1,1-Dichloropropene	8.099	75	136194	21.898	ug/l	98
37) Ethyl Acetate	7.276	43	98323	21.260	ug/l	97
38) Carbon Tetrachloride	8.081	117	121728	22.028	ug/l	99
39) Methylcyclohexane	9.343	83	163946	20.348	ug/l	93
40) Benzene	8.337	78	435640	21.751	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	54480	21.445	ug/l	98
42) 1,2-Dichloroethane	8.410	62	132910	22.592	ug/l	100
43) Isopropyl Acetate	8.435	43	171577	20.952	ug/l	99
44) Trichloroethene	9.099	130	99233	21.292	ug/l	99
45) 1,2-Dichloropropane	9.373	63	113286	22.716	ug/l	98
46) Dibromomethane	9.465	93	63849	21.909	ug/l	97
47) Bromodichloromethane	9.648	83	147096	22.127	ug/l	99
48) Methyl methacrylate	9.441	41	77115	19.817	ug/l	93
49) 1,4-Dioxane	9.465	88	18291	448.022	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	501964	110.881	ug/l	99
52) Toluene	10.392	92	270933	21.900	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	143580	20.971	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	165278	20.875	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	88247	22.073	ug/l	98
56) Ethyl methacrylate	10.648	69	123482	20.130	ug/l	97
57) 1,3-Dichloropropane	10.934	76	156405	21.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	354429	108.495	ug/l	100
59) 2-Hexanone	10.971	43	355542	107.345	ug/l	98
60) Dibromochloromethane	11.129	129	95055	21.291	ug/l	98
61) 1,2-Dibromoethane	11.239	107	84871	21.796	ug/l	97
64) Tetrachloroethene	10.867	164	82864	21.273	ug/l	81
65) Chlorobenzene	11.654	112	291409	20.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	88133	20.086	ug/l	97
67) Ethyl Benzene	11.727	91	504632	20.571	ug/l	98
68) m/p-Xylenes	11.836	106	388574	42.188	ug/l	99
69) o-Xylene	12.166	106	177422	20.118	ug/l	99
70) Styrene	12.178	104	326371	21.513	ug/l	98
71) Bromoform	12.349	173	50939	19.600	ug/l #	99
73) Isopropylbenzene	12.458	105	451543	19.995	ug/l	100
74) N-amyl acetate	12.269	43	157508	20.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	116729	21.780	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	85420m	20.260	ug/l	
77) Bromobenzene	12.745	156	109933	20.560	ug/l	96
78) n-propylbenzene	12.800	91	574973	20.907	ug/l	99
79) 2-Chlorotoluene	12.891	91	354160	21.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	390427	20.956	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	37025	20.114	ug/l	94
82) 4-Chlorotoluene	12.983	91	366239	20.974	ug/l	99
83) tert-Butylbenzene	13.202	119	331405	20.448	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	392484	20.712	ug/l	98
85) sec-Butylbenzene	13.379	105	484676	20.080	ug/l	100
86) p-Isopropyltoluene	13.495	119	405327	20.338	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	222577	21.956	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	212530	20.463	ug/l	93
89) n-Butylbenzene	13.818	91	416723	21.403	ug/l	97
90) Hexachloroethane	14.086	117	76729	21.354	ug/l	95
91) 1,2-Dichlorobenzene	13.861	146	195164	20.971	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	18770	20.329	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	124161	20.965	ug/l	98
94) Hexachlorobutadiene	15.226	225	53438	21.723	ug/l	94
95) Naphthalene	15.360	128	297089	20.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	116483	21.665	ug/l	96

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

