

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032470.D
 Acq On : 18 Nov 2025 10:40
 Operator : SY/MD
 Sample : VW1118SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 19 00:24:38 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	368383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	685400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	608119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	294055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	255196	53.733	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 107.460%	
35) Dibromofluoromethane	7.898	113	213451	52.015	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.020%	
50) Toluene-d8	10.325	98	818872	52.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	12.617	95	307374	51.685	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	38488	20.593	ug/l	99
3) Chloromethane	2.253	50	71618	22.355	ug/l	93
4) Vinyl Chloride	2.405	62	89842	22.221	ug/l	99
5) Bromomethane	2.820	94	58280	21.549	ug/l	97
6) Chloroethane	2.960	64	56196	21.244	ug/l	97
7) Trichlorofluoromethane	3.301	101	58389	18.419	ug/l	94
8) Diethyl Ether	3.716	74	55714	21.497	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	75306	21.808	ug/l	98
10) Methyl Iodide	4.307	142	119544	21.494	ug/l	98
11) Tert butyl alcohol	5.210	59	48334	117.694	ug/l	97
12) 1,1-Dichloroethene	4.076	96	86906	21.948	ug/l	93
13) Acrolein	3.923	56	64287	93.300	ug/l	99
14) Allyl chloride	4.704	41	159169	20.903	ug/l	97
15) Acrylonitrile	5.399	53	160342	107.002	ug/l	99
16) Acetone	4.155	43	156966	110.471	ug/l	97
17) Carbon Disulfide	4.417	76	245893	21.011	ug/l	99
18) Methyl Acetate	4.710	43	70931	20.159	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	173277	20.760	ug/l	98
20) Methylene Chloride	4.954	84	122854	24.177	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	98918	21.848	ug/l	96
22) Diisopropyl ether	6.337	45	341073	22.000	ug/l	99
23) Vinyl Acetate	6.283	43	1141803	107.495	ug/l	98
24) 1,1-Dichloroethane	6.240	63	188427	22.184	ug/l	99
25) 2-Butanone	7.191	43	215588	102.988	ug/l	99
26) 2,2-Dichloropropane	7.179	77	103861	21.940	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	114228	21.115	ug/l	94
28) Bromochloromethane	7.532	49	91122	22.698	ug/l	98
29) Tetrahydrofuran	7.551	42	140459	105.716	ug/l	99
30) Chloroform	7.691	83	187382	22.535	ug/l	96
31) Cyclohexane	7.965	56	171770	21.862	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	129040	21.723	ug/l	97
36) 1,1-Dichloropropene	8.099	75	131104	21.683	ug/l	99
37) Ethyl Acetate	7.270	43	95031	21.137	ug/l	99
38) Carbon Tetrachloride	8.081	117	116247	21.638	ug/l	98
39) Methylcyclohexane	9.343	83	161283	20.591	ug/l	98
40) Benzene	8.331	78	425541	21.855	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	52311	21.180	ug/l	97
42) 1,2-Dichloroethane	8.410	62	127207	22.242	ug/l	100
43) Isopropyl Acetate	8.435	43	165173	20.748	ug/l	99
44) Trichloroethene	9.099	130	96297	21.254	ug/l	97
45) 1,2-Dichloropropane	9.373	63	107029	22.075	ug/l	100
46) Dibromomethane	9.465	93	62354	22.008	ug/l	100
47) Bromodichloromethane	9.648	83	140779	21.783	ug/l	98
48) Methyl methacrylate	9.441	41	73852	19.522	ug/l	94
49) 1,4-Dioxane	9.471	88	17446	439.555	ug/l #	95
51) 4-Methyl-2-Pentanone	10.209	43	477160	108.419	ug/l	98
52) Toluene	10.392	92	259957	21.614	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	136548	20.515	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	160370	20.835	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	82820	21.308	ug/l	92
56) Ethyl methacrylate	10.648	69	119127	19.976	ug/l	99
57) 1,3-Dichloropropane	10.934	76	150767	21.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	342033	107.697	ug/l	99
59) 2-Hexanone	10.971	43	328980	102.168	ug/l	98
60) Dibromochloromethane	11.129	129	90761	20.911	ug/l	99
61) 1,2-Dibromoethane	11.233	107	80832	21.353	ug/l	98
64) Tetrachloroethene	10.861	164	78315	21.747	ug/l	91
65) Chlorobenzene	11.654	112	283163	21.604	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	87522	21.576	ug/l	99
67) Ethyl Benzene	11.727	91	480261	21.176	ug/l	97
68) m/p-Xylenes	11.836	106	370819	43.548	ug/l	98
69) o-Xylene	12.166	106	174282	21.376	ug/l	96
70) Styrene	12.178	104	303516	21.640	ug/l	99
71) Bromoform	12.349	173	48193	20.058	ug/l #	99
73) Isopropylbenzene	12.464	105	433479	20.072	ug/l	100
74) N-amyl acetate	12.269	43	148008	19.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	108325	21.135	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	78035m	19.354	ug/l	
77) Bromobenzene	12.745	156	108802	21.278	ug/l	99
78) n-propylbenzene	12.800	91	561613	21.354	ug/l	97
79) 2-Chlorotoluene	12.891	91	334404	20.828	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	361865	20.310	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	33360	18.951	ug/l	93
82) 4-Chlorotoluene	12.989	91	350145	20.968	ug/l	96
83) tert-Butylbenzene	13.202	119	308467	19.902	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	377306	20.820	ug/l	100
85) sec-Butylbenzene	13.379	105	461376	19.988	ug/l	100
86) p-Isopropyltoluene	13.495	119	385969	20.252	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	205508	21.198	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	206055	20.746	ug/l	97
89) n-Butylbenzene	13.818	91	376028	20.195	ug/l	98
90) Hexachloroethane	14.086	117	68760	20.010	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	188016	21.126	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	16916	19.159	ug/l	98
93) 1,2,4-Trichlorobenzene	15.122	180	113600	20.059	ug/l	98
94) Hexachlorobutadiene	15.226	225	47617	20.241	ug/l	97
95) Naphthalene	15.354	128	253885	17.977	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	102712	19.976	ug/l	94

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

