

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032355.D
 Acq On : 06 Oct 2025 13:26
 Operator : SY/MD
 Sample : VW1006SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
 Supervised By :Semsettin Yesilyurt 10/07/2025

Quant Time: Oct 07 03:44:22 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	7.965	168	261492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	483064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	457500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	230101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	197653	51.823	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.640%			
35) Dibromofluoromethane	7.898	113	161576	51.649	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.300%			
50) Toluene-d8	10.325	98	606740	52.549	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 105.100%			
62) 4-Bromofluorobenzene	12.617	95	223100	51.122	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	37565	22.893	ug/l	89
3) Chloromethane	2.253	50	53764	21.234	ug/l	100
4) Vinyl Chloride	2.405	62	63810	21.110	ug/l	97
5) Bromomethane	2.820	94	44478	20.023	ug/l	95
6) Chloroethane	2.966	64	41925	21.008	ug/l	98
7) Trichlorofluoromethane	3.302	101	48422	21.395	ug/l	98
8) Diethyl Ether	3.716	74	40988	20.900	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.106	101	56479	20.806	ug/l	96
10) Methyl Iodide	4.308	142	77243	19.942	ug/l	99
11) Tert butyl alcohol	5.222	59	28711	99.451	ug/l	97
12) 1,1-Dichloroethene	4.076	96	61857	20.989	ug/l	88
13) Acrolein	3.936	56	45580	97.281	ug/l	98
14) Allyl chloride	4.704	41	97373	19.562	ug/l	89
15) Acrylonitrile	5.405	53	106128	104.019	ug/l	98
16) Acetone	4.161	43	108699	102.927	ug/l	98
17) Carbon Disulfide	4.417	76	164447	20.451	ug/l	99
18) Methyl Acetate	4.710	43	59915	19.805	ug/l	98
19) Methyl tert-butyl Ether	5.472	73	112759	19.426	ug/l	99
20) Methylene Chloride	4.954	84	78024	19.004	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	68162	20.891	ug/l	97
22) Diisopropyl ether	6.344	45	217239	20.985	ug/l	98
23) Vinyl Acetate	6.283	43	721112	104.289	ug/l	99
24) 1,1-Dichloroethane	6.246	63	131995	20.987	ug/l	99
25) 2-Butanone	7.197	43	147764	102.734	ug/l	100
26) 2,2-Dichloropropane	7.185	77	65841	20.466	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	79736	20.342	ug/l	92
28) Bromochloromethane	7.527	49	62943	21.271	ug/l	85
29) Tetrahydrofuran	7.551	42	93926	103.841	ug/l	92
30) Chloroform	7.691	83	137293	21.524	ug/l	99
31) Cyclohexane	7.972	56	108425	20.194	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	94604	20.931	ug/l	98
36) 1,1-Dichloropropene	8.093	75	94356	21.371	ug/l	96
37) Ethyl Acetate	7.277	43	61621	20.969	ug/l	99
38) Carbon Tetrachloride	8.087	117	87754	21.122	ug/l	92
39) Methylcyclohexane	9.343	83	107508	20.187	ug/l	92
40) Benzene	8.337	78	291494	21.064	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	35246	22.255	ug/l	92
42) 1,2-Dichloroethane	8.410	62	97807	21.600	ug/l	99
43) Isopropyl Acetate	8.435	43	109950	21.091	ug/l	97
44) Trichloroethene	9.099	130	68165	21.036	ug/l	94
45) 1,2-Dichloropropane	9.374	63	74344	21.523	ug/l	99
46) Dibromomethane	9.465	93	47218	22.230	ug/l	93
47) Bromodichloromethane	9.654	83	104237	21.456	ug/l	100
48) Methyl methacrylate	9.447	41	51089	20.156	ug/l	93
49) 1,4-Dioxane	9.465	88	12444	428.631	ug/l #	82
51) 4-Methyl-2-Pentanone	10.215	43	321690	106.538	ug/l	98
52) Toluene	10.392	92	183514	21.294	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	96450	20.463	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	112352	20.694	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	62444	21.996	ug/l	96
56) Ethyl methacrylate	10.648	69	77835	19.589	ug/l	95
57) 1,3-Dichloropropane	10.934	76	107230	21.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	208384	98.541	ug/l	96
59) 2-Hexanone	10.971	43	223263	104.838	ug/l	97
60) Dibromochloromethane	11.136	129	66635	20.672	ug/l	95
61) 1,2-Dibromoethane	11.239	107	59329	21.433	ug/l	99
64) Tetrachloroethene	10.867	164	55566	20.298	ug/l	87
65) Chlorobenzene	11.660	112	206937	20.558	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	62624	19.974	ug/l	99
67) Ethyl Benzene	11.733	91	338155	20.153	ug/l	96
68) m/p-Xylenes	11.837	106	262284	40.538	ug/l	98
69) o-Xylene	12.166	106	123852	20.469	ug/l	100
70) Styrene	12.178	104	215503	20.399	ug/l	99
71) Bromoform	12.349	173	37064	20.624	ug/l #	93
73) Isopropylbenzene	12.459	105	303572	19.284	ug/l	99
74) N-amyl acetate	12.270	43	98829	19.679	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	79017	20.215	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	58804m	19.420	ug/l	
77) Bromobenzene	12.745	156	74952	19.751	ug/l	85
78) n-propylbenzene	12.800	91	393274	19.999	ug/l	97
79) 2-Chlorotoluene	12.891	91	240794	20.027	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	269559	19.802	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	23543	19.696	ug/l	96
82) 4-Chlorotoluene	12.989	91	253483	19.829	ug/l	99
83) tert-Butylbenzene	13.202	119	220340	19.728	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	278348	20.110	ug/l	99
85) sec-Butylbenzene	13.379	105	338703	19.844	ug/l	97
86) p-Isopropyltoluene	13.495	119	280431	19.801	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	160300	20.861	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	156540	20.374	ug/l	95
89) n-Butylbenzene	13.818	91	272109	19.679	ug/l	98
90) Hexachloroethane	14.086	117	50848	20.031	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	143470	20.654	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13288	19.416	ug/l	88
93) 1,2,4-Trichlorobenzene	15.123	180	83977	20.161	ug/l	97
94) Hexachlorobutadiene	15.226	225	36009	18.909	ug/l	95
95) Naphthalene	15.360	128	188065	18.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	74511	18.979	ug/l	97

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

