

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031974.D
 Acq On : 01 Aug 2025 10:12
 Operator : SY/MD
 Sample : VW0801SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
 Supervised By :Semsettin Yesilyurt 08/04/2025

Quant Time: Aug 01 23:09:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	220615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	398144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	370224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	167609	50.222	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 100.440%			
35) Dibromofluoromethane	7.898	113	141003	52.118	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.240%			
50) Toluene-d8	10.325	98	527673	51.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.617	95	201472	51.243	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	26504	16.164	ug/l	95
3) Chloromethane	2.253	50	38199	18.151	ug/l	98
4) Vinyl Chloride	2.405	62	46485	17.004	ug/l	97
5) Bromomethane	2.826	94	37029	18.394	ug/l	100
6) Chloroethane	2.966	64	33726	18.692	ug/l	99
7) Trichlorofluoromethane	3.308	101	48255	17.427	ug/l	96
8) Diethyl Ether	3.722	74	35045	18.947	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	49682	18.654	ug/l	98
10) Methyl Iodide	4.314	142	75262	18.900	ug/l	99
11) Tert butyl alcohol	5.234	59	19858	101.227	ug/l	98
12) 1,1-Dichloroethene	4.076	96	54543	18.541	ug/l	94
13) Acrolein	3.936	56	17192	55.321	ug/l	96
14) Allyl chloride	4.704	41	83650	18.267	ug/l	99
15) Acrylonitrile	5.411	53	83695	101.212	ug/l	98
16) Acetone	4.167	43	77524	97.892	ug/l	100
17) Carbon Disulfide	4.423	76	135754	17.794	ug/l	99
18) Methyl Acetate	4.710	43	49977	22.906	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	103696	20.402	ug/l	98
20) Methylene Chloride	4.954	84	65104	16.062	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	59045	18.918	ug/l	91
22) Diisopropyl ether	6.338	45	179296	19.567	ug/l	94
23) Vinyl Acetate	6.289	43	569393	95.112	ug/l	99
24) 1,1-Dichloroethane	6.240	63	110392	19.349	ug/l	99
25) 2-Butanone	7.197	43	106124	97.941	ug/l	97
26) 2,2-Dichloropropane	7.185	77	58059	17.975	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	70949	19.336	ug/l	98
28) Bromochloromethane	7.533	49	45657	19.114	ug/l	94
29) Tetrahydrofuran	7.557	42	71024	99.977	ug/l	99
30) Chloroform	7.697	83	118708	19.845	ug/l	100
31) Cyclohexane	7.971	56	89959	17.576	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	85597	18.805	ug/l	99
36) 1,1-Dichloropropene	8.100	75	78940	19.000	ug/l	99
37) Ethyl Acetate	7.276	43	49293	20.798	ug/l	99
38) Carbon Tetrachloride	8.087	117	78235	19.620	ug/l	94
39) Methylcyclohexane	9.343	83	92958	17.779	ug/l	96
40) Benzene	8.337	78	248680	20.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	28527	20.106	ug/l	97
42) 1,2-Dichloroethane	8.410	62	82094	20.856	ug/l	100
43) Isopropyl Acetate	8.435	43	83921	19.559	ug/l	97
44) Trichloroethene	9.099	130	57900	19.806	ug/l	95
45) 1,2-Dichloropropane	9.374	63	59790	20.185	ug/l	99
46) Dibromomethane	9.465	93	39572	21.552	ug/l	96
47) Bromodichloromethane	9.648	83	90989	20.666	ug/l	99
48) Methyl methacrylate	9.441	41	41717	20.436	ug/l	97
49) 1,4-Dioxane	9.471	88	9433	514.860	ug/l #	75
51) 4-Methyl-2-Pentanone	10.215	43	248332	105.754	ug/l	100
52) Toluene	10.392	92	158330	20.026	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	83143	19.686	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	95666	19.835	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	52594	21.564	ug/l	95
56) Ethyl methacrylate	10.648	69	69824	20.271	ug/l	99
57) 1,3-Dichloropropane	10.934	76	91728	21.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	116121	65.630	ug/l	99
59) 2-Hexanone	10.971	43	170083	104.203	ug/l	99
60) Dibromochloromethane	11.129	129	59250	20.836	ug/l	98
61) 1,2-Dibromoethane	11.239	107	50736	21.052	ug/l	98
64) Tetrachloroethene	10.867	164	46870	19.202	ug/l #	81
65) Chlorobenzene	11.660	112	176168	19.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	55265	19.674	ug/l	99
67) Ethyl Benzene	11.733	91	295776	18.579	ug/l	99
68) m/p-Xylenes	11.837	106	232252	38.752	ug/l	97
69) o-Xylene	12.166	106	108231	19.082	ug/l	100
70) Styrene	12.178	104	188534	19.523	ug/l	98
71) Bromoform	12.349	173	31306	20.378	ug/l #	98
73) Isopropylbenzene	12.458	105	270032	17.378	ug/l	97
74) N-amyl acetate	12.269	43	75603	17.998	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	64603	19.587	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	47535m	19.226	ug/l	
77) Bromobenzene	12.745	156	63035	18.749	ug/l	98
78) n-propylbenzene	12.800	91	341470	17.893	ug/l	98
79) 2-Chlorotoluene	12.891	91	208047	18.259	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	235990	18.109	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	17945	16.756	ug/l	94
82) 4-Chlorotoluene	12.989	91	222703	18.631	ug/l	100
83) tert-Butylbenzene	13.202	119	197280	17.772	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	239109	18.128	ug/l	98
85) sec-Butylbenzene	13.379	105	292862	17.568	ug/l	100
86) p-Isopropyltoluene	13.495	119	243490	17.672	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	130590	18.660	ug/l	98
88) 1,4-Dichlorobenzene	13.580	146	129287	18.859	ug/l	99
89) n-Butylbenzene	13.818	91	236649	17.508	ug/l	98
90) Hexachloroethane	14.086	117	43163	18.116	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	119275	19.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11431	19.184	ug/l	93
93) 1,2,4-Trichlorobenzene	15.123	180	65949	17.632	ug/l	98
94) Hexachlorobutadiene	15.226	225	31008	17.495	ug/l	99
95) Naphthalene	15.360	128	175224	19.055	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	63480	18.732	ug/l	95

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

