

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031738.D
 Acq On : 01 Jul 2025 10:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/03/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 02 03:50:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:49:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	235134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	401316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	359097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	172652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	162176	48.060	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.120%
35) Dibromofluoromethane	7.898	113	134557	51.382	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.760%
50) Toluene-d8	10.325	98	510063	52.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.617	95	188662	52.606	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	105.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	78134	48.793	ug/l	95
3) Chloromethane	2.253	50	93703	48.536	ug/l	100
4) Vinyl Chloride	2.405	62	126943	50.026	ug/l	97
5) Bromomethane	2.820	94	94105	47.480	ug/l	98
6) Chloroethane	2.972	64	83966	48.714	ug/l	99
7) Trichlorofluoromethane	3.302	101	107729	46.747	ug/l	95
8) Diethyl Ether	3.716	74	84206	48.087	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.094	101	125604	49.104	ug/l	99
10) Methyl Iodide	4.301	142	186613	47.324	ug/l	97
11) Tert butyl alcohol	5.216	59	51594	246.795	ug/l	99
12) 1,1-Dichloroethene	4.076	96	137160	48.955	ug/l	97
13) Acrolein	3.929	56	84154	223.967	ug/l	97
14) Allyl chloride	4.698	41	216897	50.456	ug/l	99
15) Acrylonitrile	5.399	53	214008	248.520	ug/l	100
16) Acetone	4.155	43	197140	236.362	ug/l	99
17) Carbon Disulfide	4.411	76	370267	49.387	ug/l	97
18) Methyl Acetate	4.704	43	109408	45.898	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	246785	51.895	ug/l	100
20) Methylene Chloride	4.948	84	161304	48.317	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	149047	50.065	ug/l	97
22) Diisopropyl ether	6.331	45	433571	51.715	ug/l	94
23) Vinyl Acetate	6.277	43	1518068	265.092	ug/l	99
24) 1,1-Dichloroethane	6.240	63	271120	49.879	ug/l	99
25) 2-Butanone	7.191	43	282012	259.899	ug/l	96
26) 2,2-Dichloropropane	7.179	77	157722	49.734	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	172202	50.321	ug/l	100
28) Bromochloromethane	7.526	49	114765	47.846	ug/l	100
29) Tetrahydrofuran	7.551	42	189811	255.433	ug/l	99
30) Chloroform	7.691	83	287237	49.732	ug/l	96
31) Cyclohexane	7.965	56	227762	47.404	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	226104	50.799	ug/l	99
36) 1,1-Dichloropropene	8.093	75	203021	53.575	ug/l	99
37) Ethyl Acetate	7.264	43	128330	53.684	ug/l	99
38) Carbon Tetrachloride	8.081	117	203973	52.821	ug/l	94
39) Methylcyclohexane	9.343	83	252806	53.620	ug/l	99
40) Benzene	8.331	78	590494	52.668	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	75165	58.697	ug/l	98
42) 1,2-Dichloroethane	8.410	62	199066	52.548	ug/l	99
43) Isopropyl Acetate	8.435	43	226850	55.052	ug/l	100
44) Trichloroethene	9.099	130	143951	51.442	ug/l	95
45) 1,2-Dichloropropane	9.374	63	142724	52.672	ug/l	99
46) Dibromomethane	9.465	93	93077	53.205	ug/l	98
47) Bromodichloromethane	9.648	83	216645	52.811	ug/l	98
48) Methyl methacrylate	9.441	41	107897	53.252	ug/l	99
49) 1,4-Dioxane	9.459	88	20404	995.855	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	644400	272.012	ug/l	100
52) Toluene	10.392	92	381926	53.205	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	213409	55.446	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	238290	54.612	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	120240	52.471	ug/l	94
56) Ethyl methacrylate	10.648	69	174064	55.989	ug/l	98
57) 1,3-Dichloropropane	10.934	76	210306	52.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	468641	273.756	ug/l	100
59) 2-Hexanone	10.965	43	447463	278.734	ug/l	99
60) Dibromochloromethane	11.129	129	147739	53.914	ug/l	100
61) 1,2-Dibromoethane	11.233	107	122678	53.477	ug/l	99
64) Tetrachloroethene	10.861	164	117728	50.120	ug/l	90
65) Chlorobenzene	11.654	112	418982	52.882	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	138759	54.959	ug/l	98
67) Ethyl Benzene	11.727	91	737033	53.647	ug/l	99
68) m/p-Xylenes	11.837	106	567959	107.541	ug/l	97
69) o-Xylene	12.166	106	263124	53.809	ug/l	100
70) Styrene	12.178	104	462213	54.676	ug/l	99
71) Bromoform	12.343	173	84860	56.341	ug/l #	99
73) Isopropylbenzene	12.458	105	692150	52.704	ug/l	100
74) N-amyl acetate	12.269	43	202366	57.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	152143	52.182	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	114359m	51.256	ug/l	
77) Bromobenzene	12.745	156	158842	54.230	ug/l	87
78) n-propylbenzene	12.800	91	840068	53.418	ug/l	98
79) 2-Chlorotoluene	12.885	91	507715	53.613	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	586997	53.998	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	52196	54.489	ug/l	96
82) 4-Chlorotoluene	12.983	91	526634	52.969	ug/l	99
83) tert-Butylbenzene	13.202	119	499717	53.665	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	593095	53.847	ug/l	98
85) sec-Butylbenzene	13.379	105	755319	54.041	ug/l	100
86) p-Isopropyltoluene	13.495	119	628996	54.606	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	314668	53.569	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	304185	50.593	ug/l	96
89) n-Butylbenzene	13.818	91	607254	54.259	ug/l	99
90) Hexachloroethane	14.086	117	111225	53.523	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	273126	50.872	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	28404	49.893	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	178491	53.907	ug/l	98
94) Hexachlorobutadiene	15.226	225	89124	55.742	ug/l	85
95) Naphthalene	15.360	128	446202	54.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	159907	52.559	ug/l	98

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

