

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032050.D
 Acq On : 07 Aug 2025 16:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 04:12:43 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	214378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	392243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	361283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	164762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	166912	51.468	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 102.940%			
35) Dibromofluoromethane	7.898	113	144456	54.198	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 108.400%			
50) Toluene-d8	10.325	98	530291	52.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.617	95	203790	52.613	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 105.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	69530	43.639	ug/l	96
3) Chloromethane	2.253	50	98306	48.071	ug/l	98
4) Vinyl Chloride	2.405	62	128993	48.557	ug/l	99
5) Bromomethane	2.820	94	99938	51.088	ug/l	99
6) Chloroethane	2.966	64	89370	50.972	ug/l	97
7) Trichlorofluoromethane	3.302	101	114571	42.581	ug/l	95
8) Diethyl Ether	3.722	74	91231	50.759	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	126941	49.049	ug/l	97
10) Methyl Iodide	4.301	142	191579	49.510	ug/l	99
11) Tert butyl alcohol	5.216	59	56558	296.695	ug/l	99
12) 1,1-Dichloroethene	4.076	96	141100	49.361	ug/l	94
13) Acrolein	3.936	56	12051	37.270	ug/l	93
14) Allyl chloride	4.704	41	214158	48.126	ug/l	98
15) Acrylonitrile	5.405	53	230821	287.253	ug/l	98
16) Acetone	4.161	43	185626	241.214	ug/l	98
17) Carbon Disulfide	4.417	76	359648	48.512	ug/l	98
18) Methyl Acetate	4.710	43	147778	69.702	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	272145	55.100	ug/l	98
20) Methylene Chloride	4.954	84	180169	55.229	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	150841	49.735	ug/l	95
22) Diisopropyl ether	6.344	45	459764	51.634	ug/l	99
23) Vinyl Acetate	6.283	43	1480110	254.433	ug/l	98
24) 1,1-Dichloroethane	6.240	63	282838	51.018	ug/l	100
25) 2-Butanone	7.197	43	297597	282.642	ug/l	95
26) 2,2-Dichloropropane	7.191	77	142991	45.558	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	187884	52.694	ug/l	97
28) Bromochloromethane	7.533	49	113288	48.806	ug/l	95
29) Tetrahydrofuran	7.551	42	200936	291.077	ug/l	99
30) Chloroform	7.697	83	307959	52.980	ug/l	98
31) Cyclohexane	7.972	56	227524	45.745	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	219853	49.704	ug/l	98
36) 1,1-Dichloropropene	8.100	75	206781	50.518	ug/l	99
37) Ethyl Acetate	7.270	43	126970	54.377	ug/l	98
38) Carbon Tetrachloride	8.087	117	198922	50.638	ug/l	99
39) Methylcyclohexane	9.343	83	251162	48.758	ug/l	96
40) Benzene	8.337	78	633168	52.256	ug/l	99

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41) Methacrylonitrile	7.496	41	81277	58.147	ug/l	98
42) 1,2-Dichloroethane	8.410	62	204426	52.716	ug/l	99
43) Isopropyl Acetate	8.435	43	230646	54.563	ug/l	100
44) Trichloroethene	9.099	130	151775	52.698	ug/l	100
45) 1,2-Dichloropropane	9.380	63	154651	52.997	ug/l	99
46) Dibromomethane	9.465	93	97791	54.060	ug/l	97
47) Bromodichloromethane	9.654	83	233407	53.810	ug/l	98
48) Methyl methacrylate	9.441	41	116064	57.712	ug/l	98
49) 1,4-Dioxane	9.465	88	26909	1490.809	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	681209	294.463	ug/l	99
52) Toluene	10.392	92	410597	52.714	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	221752	53.294	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	246089	51.790	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	133906	55.729	ug/l	96
56) Ethyl methacrylate	10.648	69	196761	57.981	ug/l	99
57) 1,3-Dichloropropane	10.934	76	229782	54.282	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	438935	251.814	ug/l	98
59) 2-Hexanone	10.971	43	480433	298.771	ug/l	99
60) Dibromochloromethane	11.129	129	155811	55.617	ug/l	98
61) 1,2-Dibromoethane	11.233	107	131893	55.551	ug/l	96
64) Tetrachloroethene	10.861	164	121779	51.125	ug/l	92
65) Chlorobenzene	11.660	112	450912	50.995	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	144607	52.754	ug/l	94
67) Ethyl Benzene	11.727	91	790848	50.905	ug/l	96
68) m/p-Xylenes	11.837	106	599712	102.541	ug/l	98
69) o-Xylene	12.166	106	287118	51.874	ug/l	100
70) Styrene	12.178	104	506558	53.754	ug/l	99
71) Bromoform	12.349	173	83089	55.424	ug/l #	96
73) Isopropylbenzene	12.459	105	707420	49.484	ug/l	99
74) N-amyl acetate	12.270	43	209103	54.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	169809	55.960	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	127206m	55.920	ug/l	
77) Bromobenzene	12.745	156	166916	53.963	ug/l	94
78) n-propylbenzene	12.800	91	889210	50.645	ug/l	99
79) 2-Chlorotoluene	12.891	91	539077	51.423	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	598674	49.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	52697	53.483	ug/l	99
82) 4-Chlorotoluene	12.989	91	563294	51.219	ug/l	100
83) tert-Butylbenzene	13.202	119	513558	50.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	624183	51.435	ug/l	97
85) sec-Butylbenzene	13.379	105	753061	49.101	ug/l	97
86) p-Isopropyltoluene	13.495	119	628152	49.551	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	337567	52.428	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	331290	52.524	ug/l	98
89) n-Butylbenzene	13.818	91	616914	49.608	ug/l	98
90) Hexachloroethane	14.086	117	107373	48.983	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	306583	53.728	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30008	54.737	ug/l	99
93) 1,2,4-Trichlorobenzene	15.123	180	176096	51.172	ug/l	96
94) Hexachlorobutadiene	15.232	225	77101	47.282	ug/l	94
95) Naphthalene	15.360	128	474727	56.111	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	178144	57.135	ug/l	91

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

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