

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032034.D
 Acq On : 06 Aug 2025 17:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 07 02:21:53 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 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	383581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	749096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	674251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	325041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	259401	44.704	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	89.400%		
35) Dibromofluoromethane	7.898	113	240471	47.242	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	94.480%		
50) Toluene-d8	10.331	98	907129	47.087	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.617	95	349843	47.293	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	94.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.039	85	66642	23.376	ug/l	93
3) Chloromethane	2.253	50	99516	27.197	ug/l	98
4) Vinyl Chloride	2.405	62	116237	24.454	ug/l	97
5) Bromomethane	2.826	94	91814	26.231	ug/l	98
6) Chloroethane	2.972	64	84902	27.064	ug/l	98
7) Trichlorofluoromethane	3.301	101	108571	22.552	ug/l	95
8) Diethyl Ether	3.722	74	79291	24.656	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	121399	26.216	ug/l	98
10) Methyl Iodide	4.301	142	183430	26.494	ug/l	97
11) Tert butyl alcohol	5.234	59	36018	105.599	ug/l	100
12) 1,1-Dichloroethene	4.082	96	133375	26.077	ug/l	89
13) Acrolein	3.936	56	7836	7.897	ug/l	97
14) Allyl chloride	4.704	41	197800	24.843	ug/l	99
15) Acrylonitrile	5.405	53	145729	101.358	ug/l	99
16) Acetone	4.167	43	114888	83.438	ug/l	100
17) Carbon Disulfide	4.423	76	337286	25.427	ug/l	98
18) Methyl Acetate	4.716	43	85093	22.431	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	225303	25.494	ug/l	99
20) Methylene Chloride	4.948	84	149195	22.802	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	143079	26.366	ug/l	96
22) Diisopropyl ether	6.344	45	438447	27.520	ug/l	99
23) Vinyl Acetate	6.283	43	1207599	116.018	ug/l	98
24) 1,1-Dichloroethane	6.246	63	272660	27.487	ug/l	98
25) 2-Butanone	7.197	43	189884	100.790	ug/l	100
26) 2,2-Dichloropropane	7.185	77	135253	24.084	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	179367	28.115	ug/l	100
28) Bromochloromethane	7.532	49	96061	23.129	ug/l	98
29) Tetrahydrofuran	7.557	42	128004	103.633	ug/l	99
30) Chloroform	7.697	83	292708	28.143	ug/l	94
31) Cyclohexane	7.971	56	226341	25.434	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	212985	26.911	ug/l	97
36) 1,1-Dichloropropene	8.093	75	198242	25.360	ug/l	98
37) Ethyl Acetate	7.276	43	85727	19.224	ug/l	99
38) Carbon Tetrachloride	8.087	117	186937	24.918	ug/l	98
39) Methylcyclohexane	9.343	83	249311	25.343	ug/l	97
40) Benzene	8.337	78	623429	26.941	ug/l	99

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41) Methacrylonitrile	7.502	41	53166	19.917	ug/l	96
42) 1,2-Dichloroethane	8.416	62	176097	23.778	ug/l	98
43) Isopropyl Acetate	8.441	43	170142	21.076	ug/l	97
44) Trichloroethene	9.105	130	145458	26.445	ug/l	91
45) 1,2-Dichloropropane	9.374	63	147401	26.449	ug/l	99
46) Dibromomethane	9.465	93	82128	23.773	ug/l	95
47) Bromodichloromethane	9.648	83	214902	25.942	ug/l	98
48) Methyl methacrylate	9.441	41	83309	21.691	ug/l	99
49) 1,4-Dioxane	9.465	88	16123	467.722	ug/l	94
51) 4-Methyl-2-Pentanone	10.215	43	462087	104.590	ug/l	99
52) Toluene	10.392	92	396812	26.676	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	189972	23.907	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	229527	25.293	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	110843	24.155	ug/l	96
56) Ethyl methacrylate	10.648	69	154240	23.799	ug/l	99
57) 1,3-Dichloropropane	10.934	76	196167	24.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	319423	95.954	ug/l	98
59) 2-Hexanone	10.971	43	315887	102.862	ug/l	99
60) Dibromochloromethane	11.129	129	130473	24.386	ug/l	99
61) 1,2-Dibromoethane	11.239	107	105123	23.184	ug/l	99
64) Tetrachloroethene	10.867	164	112380	25.280	ug/l	92
65) Chlorobenzene	11.654	112	428354	25.958	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	136554	26.693	ug/l	96
67) Ethyl Benzene	11.733	91	745183	25.701	ug/l	99
68) m/p-Xylenes	11.837	106	582750	53.390	ug/l	97
69) o-Xylene	12.166	106	274783	26.602	ug/l	97
70) Styrene	12.178	104	471859	26.830	ug/l	99
71) Bromoform	12.349	173	63436	22.673	ug/l #	95
73) Isopropylbenzene	12.464	105	690379	24.479	ug/l	96
74) N-amyl acetate	12.269	43	164628	21.592	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	124588	20.812	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	92536m	20.620	ug/l	
77) Bromobenzene	12.745	156	153365	25.133	ug/l	92
78) n-propylbenzene	12.800	91	856574	24.729	ug/l	98
79) 2-Chlorotoluene	12.891	91	521256	25.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	584878	24.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	36851	18.958	ug/l	98
82) 4-Chlorotoluene	12.989	91	528572	24.362	ug/l	99
83) tert-Butylbenzene	13.202	119	491048	24.372	ug/l	100
84) 1,2,4-Trimethylbenzene	13.251	105	600214	25.071	ug/l	99
85) sec-Butylbenzene	13.379	105	740372	24.470	ug/l	98
86) p-Isopropyltoluene	13.495	119	611415	24.448	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	326674	25.718	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	302144	24.282	ug/l	98
89) n-Butylbenzene	13.818	91	606061	24.704	ug/l	99
90) Hexachloroethane	14.086	117	105108	24.305	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	270970	24.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	20644	19.088	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	171637	25.282	ug/l	94
94) Hexachlorobutadiene	15.226	225	73614	22.883	ug/l	92
95) Naphthalene	15.360	128	364417	21.833	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	146407	23.802	ug/l	94

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

