

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032054.D
 Acq On : 11 Aug 2025 09:47
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 12 03:37:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 03:34:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	221832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	428395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	386857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	191343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	63857	19.904	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	39.800%#		
35) Dibromofluoromethane	7.898	113	55788	20.158	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	40.320%#		
50) Toluene-d8	10.325	98	206901	20.212	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	40.420%#		
62) 4-Bromofluorobenzene	12.617	95	76008	20.149	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	40.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	34171	21.537	ug/l	94
3) Chloromethane	2.253	50	44499	20.821	ug/l	99
4) Vinyl Chloride	2.405	62	57293	22.162	ug/l	91
5) Bromomethane	2.814	94	41008	21.144	ug/l	93
6) Chloroethane	2.966	64	36220	21.173	ug/l	100
7) Trichlorofluoromethane	3.302	101	38977	18.821	ug/l	99
8) Diethyl Ether	3.716	74	34764	20.489	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.088	101	52165	21.351	ug/l	99
10) Methyl Iodide	4.308	142	74197	21.419	ug/l	99
11) Tert butyl alcohol	5.216	59	18539	89.237	ug/l	100
12) 1,1-Dichloroethene	4.076	96	57624	21.419	ug/l	98
13) Acrolein	3.923	56	32512	98.218	ug/l	96
14) Allyl chloride	4.698	41	81458	20.804	ug/l	99
15) Acrylonitrile	5.393	53	75311	93.190	ug/l	98
16) Acetone	4.155	43	67134	90.379	ug/l	99
17) Carbon Disulfide	4.417	76	153247	21.222	ug/l	97
18) Methyl Acetate	4.704	43	43536	18.522	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	96253	20.306	ug/l	99
20) Methylene Chloride	4.948	84	74547	21.706	ug/l	94
21) trans-1,2-Dichloroethene	5.454	96	59717	20.917	ug/l	97
22) Diisopropyl ether	6.338	45	172071	20.846	ug/l	99
23) Vinyl Acetate	6.277	43	539862	99.617	ug/l	99
24) 1,1-Dichloroethane	6.240	63	110835	21.016	ug/l	98
25) 2-Butanone	7.191	43	96191	91.114	ug/l	97
26) 2,2-Dichloropropane	7.179	77	53780	20.327	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	68545	20.540	ug/l	99
28) Bromochloromethane	7.527	49	48715	20.298	ug/l	99
29) Tetrahydrofuran	7.551	42	64317	92.379	ug/l	98
30) Chloroform	7.691	83	117474	21.011	ug/l	97
31) Cyclohexane	7.965	56	95253	20.833	ug/l	98
32) 1,1,1-Trichloroethane	7.880	97	85600	21.078	ug/l	97
36) 1,1-Dichloropropene	8.087	75	80811	20.712	ug/l	99
37) Ethyl Acetate	7.270	43	41235	17.945	ug/l	98
38) Carbon Tetrachloride	8.081	117	77289	20.527	ug/l	91
39) Methylcyclohexane	9.337	83	97412	20.484	ug/l	94
40) Benzene	8.331	78	246590	20.333	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	25075	19.242	ug/l	97
42) 1,2-Dichloroethane	8.410	62	78543	20.239	ug/l	99
43) Isopropyl Acetate	8.435	43	78887	18.660	ug/l	98
44) Trichloroethene	9.099	130	58636	20.302	ug/l	99
45) 1,2-Dichloropropane	9.374	63	60346	20.597	ug/l	100
46) Dibromomethane	9.465	93	37580	19.873	ug/l	98
47) Bromodichloromethane	9.648	83	86577	19.869	ug/l	92
48) Methyl methacrylate	9.441	41	38175	18.704	ug/l	97
49) 1,4-Dioxane	9.459	88	8924	364.998	ug/l	97
51) 4-Methyl-2-Pentanone	10.209	43	220661	92.472	ug/l	99
52) Toluene	10.392	92	155974	20.418	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	79452	19.463	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	90828	19.612	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	49974	19.888	ug/l	95
56) Ethyl methacrylate	10.648	69	62694	18.645	ug/l	97
57) 1,3-Dichloropropane	10.934	76	86678	19.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	176339	94.809	ug/l	98
59) 2-Hexanone	10.971	43	151264	91.530	ug/l	100
60) Dibromochloromethane	11.130	129	56607	19.721	ug/l	100
61) 1,2-Dibromoethane	11.233	107	47302	19.371	ug/l	100
64) Tetrachloroethene	10.861	164	45660	20.434	ug/l	99
65) Chlorobenzene	11.654	112	169830	20.169	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	52937	20.150	ug/l	98
67) Ethyl Benzene	11.727	91	297193	20.836	ug/l	97
68) m/p-Xylenes	11.837	106	233224	42.376	ug/l	98
69) o-Xylene	12.166	106	104192	20.482	ug/l	100
70) Styrene	12.178	104	189664	20.991	ug/l	98
71) Bromoform	12.349	173	28540	18.991	ug/l #	96
73) Isopropylbenzene	12.459	105	269829	20.178	ug/l	99
74) N-amyl acetate	12.270	43	69075	18.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.709	83	58836	18.531	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	51456m	17.494	ug/l	
77) Bromobenzene	12.745	156	61389	19.221	ug/l	98
78) n-propylbenzene	12.800	91	337098	20.476	ug/l	100
79) 2-Chlorotoluene	12.885	91	203918	20.069	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	229615	20.226	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	17512	17.458	ug/l	92
82) 4-Chlorotoluene	12.983	91	218637	20.253	ug/l	98
83) tert-Butylbenzene	13.202	119	194168	20.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	240078	20.774	ug/l	100
85) sec-Butylbenzene	13.379	105	292689	20.547	ug/l	97
86) p-Isopropyltoluene	13.495	119	245081	20.638	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	128893	20.282	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	133097	20.724	ug/l	97
89) n-Butylbenzene	13.818	91	234522	20.328	ug/l	99
90) Hexachloroethane	14.086	117	43226	19.904	ug/l	93
91) 1,2-Dichlorobenzene	13.861	146	114056	19.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10011	17.736	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	69229	20.102	ug/l	95
94) Hexachlorobutadiene	15.226	225	30358	19.720	ug/l	91
95) Naphthalene	15.360	128	153137	18.147	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	61526	19.635	ug/l	97

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

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