

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032139.D
 Acq On : 26 Aug 2025 10:45
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	207241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	361729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	320041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	59949	20.227	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	40.460%#		
35) Dibromofluoromethane	7.898	113	50193	19.778	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	39.560%#		
50) Toluene-d8	10.325	98	178639	20.051	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	40.100%#		
62) 4-Bromofluorobenzene	12.617	95	65158	19.778	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	39.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	29597	21.631	ug/l	99
3) Chloromethane	2.253	50	28262	19.700	ug/l	99
4) Vinyl Chloride	2.405	62	38242	20.524	ug/l	99
5) Bromomethane	2.826	94	33838	20.336	ug/l	98
6) Chloroethane	2.972	64	26882	20.486	ug/l	99
7) Trichlorofluoromethane	3.308	101	37746	20.445	ug/l	95
8) Diethyl Ether	3.716	74	28021	20.338	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	42610	20.488	ug/l	98
10) Methyl Iodide	4.314	142	65366	20.641	ug/l	100
11) Tert butyl alcohol	5.222	59	16747	92.377	ug/l	96
12) 1,1-Dichloroethene	4.076	96	45354	20.707	ug/l	98
13) Acrolein	3.930	56	26614	95.503	ug/l	97
14) Allyl chloride	4.704	41	62098	19.960	ug/l	98
15) Acrylonitrile	5.399	53	66397	99.123	ug/l	97
16) Acetone	4.161	43	63129	98.351	ug/l	96
17) Carbon Disulfide	4.417	76	111058	20.273	ug/l	99
18) Methyl Acetate	4.710	43	39333	19.232	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	83004	20.069	ug/l	98
20) Methylene Chloride	4.960	84	59672	20.052	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	50083	20.469	ug/l	96
22) Diisopropyl ether	6.344	45	140521	20.752	ug/l	97
23) Vinyl Acetate	6.283	43	459708	99.855	ug/l	98
24) 1,1-Dichloroethane	6.246	63	89798	20.257	ug/l	99
25) 2-Butanone	7.197	43	89904	98.843	ug/l	100
26) 2,2-Dichloropropane	7.191	77	46138	19.654	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	59877	20.111	ug/l	99
28) Bromochloromethane	7.533	49	42759	21.071	ug/l	99
29) Tetrahydrofuran	7.551	42	56627	97.972	ug/l	99
30) Chloroform	7.691	83	101880	20.129	ug/l	100
31) Cyclohexane	7.972	56	70667	19.422	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	74668	20.210	ug/l	100
36) 1,1-Dichloropropene	8.100	75	63503	19.299	ug/l	96
37) Ethyl Acetate	7.277	43	37254	18.873	ug/l	98
38) Carbon Tetrachloride	8.081	117	69501	19.703	ug/l	95
39) Methylcyclohexane	9.343	83	74848	19.204	ug/l	96
40) Benzene	8.337	78	204224	20.078	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032139.D
 Acq On : 26 Aug 2025 10:45
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 27 03:49:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	20198	18.417	ug/l	96
42) 1,2-Dichloroethane	8.417	62	68894	19.538	ug/l	99
43) Isopropyl Acetate	8.435	43	68811	18.582	ug/l	97
44) Trichloroethene	9.105	130	50885	19.893	ug/l	84
45) 1,2-Dichloropropane	9.380	63	48708	19.865	ug/l	94
46) Dibromomethane	9.465	93	34506	20.064	ug/l	96
47) Bromodichloromethane	9.654	83	76320	19.528	ug/l	98
48) Methyl methacrylate	9.441	41	33017	19.347	ug/l	95
49) 1,4-Dioxane	9.465	88	8958	431.107	ug/l	95
51) 4-Methyl-2-Pentanone	10.215	43	203375	97.262	ug/l	99
52) Toluene	10.392	92	132013	19.861	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	65239	18.922	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	75706	19.244	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	45028	20.135	ug/l	95
56) Ethyl methacrylate	10.648	69	52974	18.528	ug/l	97
57) 1,3-Dichloropropane	10.934	76	73802	19.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	152569	99.976	ug/l	100
59) 2-Hexanone	10.971	43	138236	95.057	ug/l	100
60) Dibromochloromethane	11.129	129	52616	19.443	ug/l	99
61) 1,2-Dibromoethane	11.239	107	42542	19.344	ug/l	99
64) Tetrachloroethene	10.867	164	43742	20.766	ug/l	90
65) Chlorobenzene	11.660	112	152888	20.988	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	47518	19.813	ug/l	97
67) Ethyl Benzene	11.733	91	245828	20.597	ug/l	100
68) m/p-Xylenes	11.843	106	192351	41.875	ug/l	100
69) o-Xylene	12.166	106	88921	20.465	ug/l	100
70) Styrene	12.178	104	159523	20.828	ug/l	98
71) Bromoform	12.349	173	27643	19.407	ug/l #	96
73) Isopropylbenzene	12.465	105	224854	19.185	ug/l	99
74) N-amyl acetate	12.270	43	64999	19.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	53386	19.167	ug/l	96
76) 1,2,3-Trichloropropane	12.769	75	47279m	21.166	ug/l	
77) Bromobenzene	12.745	156	59590	19.938	ug/l	96
78) n-propylbenzene	12.800	91	277146	19.477	ug/l	98
79) 2-Chlorotoluene	12.891	91	170359	19.579	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	194222	19.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	14477	18.035	ug/l	94
82) 4-Chlorotoluene	12.989	91	184235	19.781	ug/l	98
83) tert-Butylbenzene	13.202	119	161867	19.239	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	206247	20.090	ug/l	98
85) sec-Butylbenzene	13.379	105	243871	19.414	ug/l	100
86) p-Isopropyltoluene	13.495	119	211483	19.797	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	115970	19.271	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	118257	19.605	ug/l	97
89) n-Butylbenzene	13.818	91	194525	19.099	ug/l	99
90) Hexachloroethane	14.092	117	36162	18.506	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	110612	20.761	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9570	19.449	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	68392	20.091	ug/l	98
94) Hexachlorobutadiene	15.226	225	33947	20.108	ug/l	99
95) Naphthalene	15.360	128	146800	19.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	61140	19.313	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

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

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

