

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031893.D
 Acq On : 22 Jul 2025 10:17
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 23 08:01:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 07:57:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	229449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	418770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	369653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	71753	20.672	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	41.340%#		
35) Dibromofluoromethane	7.892	113	57971	20.372	ug/l	-0.01
Spiked Amount 50.000	Range 70 - 134		Recovery =	40.740%#		
50) Toluene-d8	10.325	98	222244	20.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	41.280%#		
62) 4-Bromofluorobenzene	12.617	95	86515	20.921	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	41.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	32547	19.086	ug/l	91
3) Chloromethane	2.253	50	42396	19.370	ug/l	99
4) Vinyl Chloride	2.405	62	56162	19.752	ug/l	95
5) Bromomethane	2.826	94	40732	19.454	ug/l	94
6) Chloroethane	2.972	64	36178	19.279	ug/l	98
7) Trichlorofluoromethane	3.302	101	52674	18.291	ug/l	97
8) Diethyl Ether	3.716	74	39501	20.534	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	53456	19.298	ug/l	98
10) Methyl Iodide	4.301	142	82715	19.972	ug/l	99
11) Tert butyl alcohol	5.222	59	21622	105.975	ug/l	99
12) 1,1-Dichloroethene	4.076	96	59622	19.488	ug/l	97
13) Acrolein	3.930	56	34117	115.420	ug/l	99
14) Allyl chloride	4.704	41	94691	19.882	ug/l	99
15) Acrylonitrile	5.399	53	89035	103.525	ug/l	99
16) Acetone	4.161	43	85144	103.374	ug/l	96
17) Carbon Disulfide	4.417	76	156802	19.761	ug/l	100
18) Methyl Acetate	4.710	43	48524	21.384	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	110536	20.910	ug/l	94
20) Methylene Chloride	4.948	84	83480	20.998	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	63984	19.711	ug/l	97
22) Diisopropyl ether	6.332	45	193706	20.325	ug/l	94
23) Vinyl Acetate	6.283	43	629578	101.117	ug/l	98
24) 1,1-Dichloroethane	6.246	63	116889	19.699	ug/l	98
25) 2-Butanone	7.191	43	121949	108.213	ug/l	98
26) 2,2-Dichloropropane	7.185	77	63903	19.023	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	75384	19.753	ug/l	98
28) Bromochloromethane	7.526	49	50074	20.156	ug/l #	15
29) Tetrahydrofuran	7.551	42	78147	105.769	ug/l	99
30) Chloroform	7.691	83	125023	20.096	ug/l	97
31) Cyclohexane	7.965	56	98980	18.594	ug/l #	94
32) 1,1,1-Trichloroethane	7.886	97	92496	19.538	ug/l	98
36) 1,1-Dichloropropene	8.093	75	87130	19.938	ug/l	100
37) Ethyl Acetate	7.277	43	50830	20.390	ug/l	100
38) Carbon Tetrachloride	8.081	117	84031	20.036	ug/l	99
39) Methylcyclohexane	9.337	83	106658	19.394	ug/l	97
40) Benzene	8.331	78	262100	20.261	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031893.D
 Acq On : 22 Jul 2025 10:17
 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: Jul 23 08:01:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 07:57:09 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	29705	20.230	ug/l	92
42) 1,2-Dichloroethane	8.410	62	86447	20.880	ug/l	99
43) Isopropyl Acetate	8.435	43	93094	20.628	ug/l	99
44) Trichloroethene	9.099	130	59670	19.406	ug/l	91
45) 1,2-Dichloropropane	9.374	63	63028	20.231	ug/l	99
46) Dibromomethane	9.465	93	40434	20.937	ug/l	98
47) Bromodichloromethane	9.648	83	93907	20.278	ug/l	98
48) Methyl methacrylate	9.441	41	45551	21.215	ug/l	99
49) 1,4-Dioxane	9.465	88	7579	393.293	ug/l #	79
51) 4-Methyl-2-Pentanone	10.209	43	265574	107.527	ug/l	100
52) Toluene	10.392	92	168089	20.213	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	89603	20.170	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	100637	19.838	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	52531	20.477	ug/l	91
56) Ethyl methacrylate	10.648	69	74127	20.460	ug/l	99
57) 1,3-Dichloropropane	10.934	76	94430	20.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	191363	102.829	ug/l	100
59) 2-Hexanone	10.971	43	184643	107.552	ug/l	98
60) Dibromochloromethane	11.129	129	60033	20.071	ug/l	99
61) 1,2-Dibromoethane	11.233	107	53321	21.035	ug/l	96
64) Tetrachloroethene	10.867	164	49304	20.230	ug/l	93
65) Chlorobenzene	11.654	112	185932	20.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	58246	20.767	ug/l	97
67) Ethyl Benzene	11.727	91	320050	20.134	ug/l	100
68) m/p-Xylenes	11.837	106	245015	40.945	ug/l	97
69) o-Xylene	12.166	106	114484	20.216	ug/l	97
70) Styrene	12.178	104	198720	20.610	ug/l	99
71) Bromoform	12.349	173	30762	20.055	ug/l #	97
73) Isopropylbenzene	12.459	105	294447	19.474	ug/l	100
74) N-amyl acetate	12.270	43	82784	20.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	67200	20.939	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	49056m	20.562	ug/l	
77) Bromobenzene	12.745	156	68424	20.916	ug/l	91
78) n-propylbenzene	12.800	91	367105	19.769	ug/l	100
79) 2-Chlorotoluene	12.891	91	221355	19.964	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	252317	19.898	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	20950	20.104	ug/l	96
82) 4-Chlorotoluene	12.983	91	230806	19.843	ug/l	100
83) tert-Butylbenzene	13.202	119	211034	19.537	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	254520	19.830	ug/l	98
85) sec-Butylbenzene	13.379	105	320882	19.782	ug/l	100
86) p-Isopropyltoluene	13.495	119	262000	19.541	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	140624	20.650	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	138374	20.743	ug/l	97
89) n-Butylbenzene	13.818	91	255308	19.411	ug/l	99
90) Hexachloroethane	14.086	117	45174	19.485	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	123056	20.390	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11802	20.355	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	72217	19.842	ug/l	93
94) Hexachlorobutadiene	15.226	225	33880	19.644	ug/l	98
95) Naphthalene	15.360	128	176597	19.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	63227	19.173	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
Data File : VW031893.D
Acq On : 22 Jul 2025 10:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Quant Time: Jul 23 08:01:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 07:57:09 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031893.D
 Acq On : 22 Jul 2025 10:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 23 08:01:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 07:57:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025

