

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032290.D
 Acq On : 29 Sep 2025 10:46
 Operator : SY/MD
 Sample : VW0929SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0929SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/03/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 02:34:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	225036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	419951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	396829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	199844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	174381	49.076	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	98.160%		
35) Dibromofluoromethane	7.898	113	146844	48.621	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	97.240%		
50) Toluene-d8	10.325	98	547373	50.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	100.580%		
62) 4-Bromofluorobenzene	12.617	95	211722	51.568	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	103.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	35934	23.112	ug/l	94
3) Chloromethane	2.253	50	46136	20.735	ug/l	92
4) Vinyl Chloride	2.405	62	58074	22.339	ug/l	94
5) Bromomethane	2.814	94	39894	22.473	ug/l	90
6) Chloroethane	2.960	64	36805	20.893	ug/l	93
7) Trichlorofluoromethane	3.296	101	33837	17.274	ug/l	96
8) Diethyl Ether	3.716	74	37416	20.201	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	53553	21.419	ug/l	98
10) Methyl Iodide	4.308	142	73935	21.863	ug/l	99
11) Tert butyl alcohol	5.216	59	25705	104.217	ug/l	98
12) 1,1-Dichloroethene	4.076	96	56798	21.251	ug/l	96
13) Acrolein	3.930	56	38342	87.340	ug/l	94
14) Allyl chloride	4.698	41	89568	21.594	ug/l	97
15) Acrylonitrile	5.399	53	96474	101.134	ug/l	99
16) Acetone	4.161	43	104593	114.619	ug/l	97
17) Carbon Disulfide	4.423	76	138489	22.536	ug/l	100
18) Methyl Acetate	4.710	43	58076	18.505	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	105620	21.319	ug/l	99
20) Methylene Chloride	4.954	84	79471	19.500	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	62775	21.781	ug/l	95
22) Diisopropyl ether	6.338	45	207535	22.517	ug/l	94
23) Vinyl Acetate	6.283	43	667299	112.541	ug/l	97
24) 1,1-Dichloroethane	6.240	63	126769	21.788	ug/l	99
25) 2-Butanone	7.191	43	135022	106.156	ug/l	95
26) 2,2-Dichloropropane	7.185	77	63987	22.317	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	76415	21.318	ug/l	97
28) Bromochloromethane	7.527	49	59681	21.496	ug/l #	100
29) Tetrahydrofuran	7.551	42	83164	100.715	ug/l	96
30) Chloroform	7.691	83	132134	21.766	ug/l	99
31) Cyclohexane	7.965	56	99613	21.712	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	87971	21.510	ug/l	97
36) 1,1-Dichloropropene	8.094	75	87432	21.473	ug/l	99
37) Ethyl Acetate	7.277	43	56626	20.969	ug/l	99
38) Carbon Tetrachloride	8.075	117	83171	21.711	ug/l	98
39) Methylcyclohexane	9.343	83	98289	20.862	ug/l	98
40) Benzene	8.331	78	274657	21.429	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032290.D
 Acq On : 29 Sep 2025 10:46
 Operator : SY/MD
 Sample : VW0929SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0929SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 02:34:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	34551	22.339	ug/l	92
42) 1,2-Dichloroethane	8.411	62	90701	21.290	ug/l	100
43) Isopropyl Acetate	8.435	43	101568	21.011	ug/l	97
44) Trichloroethene	9.099	130	63086	21.058	ug/l	96
45) 1,2-Dichloropropane	9.374	63	69590	20.964	ug/l	100
46) Dibromomethane	9.465	93	41939	20.549	ug/l	97
47) Bromodichloromethane	9.648	83	97961	21.045	ug/l	93
48) Methyl methacrylate	9.441	41	46601	20.491	ug/l	98
49) 1,4-Dioxane	9.465	88	11516	421.308	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	295039	102.939	ug/l	97
52) Toluene	10.392	92	170779	21.498	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	91672	21.495	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	106963	21.724	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	56727	20.363	ug/l	99
56) Ethyl methacrylate	10.648	69	74550	20.316	ug/l	97
57) 1,3-Dichloropropane	10.934	76	100057	20.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	192606	95.616	ug/l	100
59) 2-Hexanone	10.971	43	201668	103.036	ug/l	96
60) Dibromochloromethane	11.130	129	64477	21.075	ug/l	98
61) 1,2-Dibromoethane	11.233	107	54662	20.711	ug/l	98
64) Tetrachloroethene	10.861	164	52193	21.582	ug/l	98
65) Chlorobenzene	11.660	112	191009	20.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	60877	21.059	ug/l	98
67) Ethyl Benzene	11.727	91	315928	21.116	ug/l	99
68) m/p-Xylenes	11.837	106	244433	42.619	ug/l	99
69) o-Xylene	12.166	106	112852	20.937	ug/l	99
70) Styrene	12.178	104	207347	21.936	ug/l	99
71) Bromoform	12.349	173	34201	20.302	ug/l #	100
73) Isopropylbenzene	12.465	105	290328	20.873	ug/l	96
74) N-amyl acetate	12.270	43	92369	21.087	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	73266	20.090	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	53671m	19.521	ug/l	
77) Bromobenzene	12.745	156	71084	20.778	ug/l	89
78) n-propylbenzene	12.800	91	369686	21.159	ug/l	99
79) 2-Chlorotoluene	12.891	91	227323	21.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	255690	21.501	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	21861	20.653	ug/l	93
82) 4-Chlorotoluene	12.989	91	240171	21.472	ug/l	95
83) tert-Butylbenzene	13.202	119	208923	21.007	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	257248	21.306	ug/l	99
85) sec-Butylbenzene	13.379	105	317730	21.274	ug/l	99
86) p-Isopropyltoluene	13.495	119	268457	21.704	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	143653	21.228	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	146708	21.221	ug/l	94
89) n-Butylbenzene	13.818	91	257774	20.767	ug/l	98
90) Hexachloroethane	14.086	117	48662	21.109	ug/l	100
91) 1,2-Dichlorobenzene	13.861	146	130834	20.667	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.477	75	12474	19.997	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	72470	19.296	ug/l	97
94) Hexachlorobutadiene	15.226	225	36536	21.182	ug/l	93
95) Naphthalene	15.360	128	176140	19.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	71468	20.466	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
Data File : VW032290.D
Acq On : 29 Sep 2025 10:46
Operator : SY/MD
Sample : VW0929SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0929SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 02:34:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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\VW092925\
 Data File : VW032290.D
 Acq On : 29 Sep 2025 10:46
 Operator : SY/MD
 Sample : VW0929SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0929SBS01

Quant Time: Sep 30 02:34:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/03/2025

