

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032206.D
 Acq On : 19 Sep 2025 10:35
 Operator : SY/MD
 Sample : VW0919SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
 Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:04:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	187746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	322734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	298059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	153629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142032	52.898	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.800%			
35) Dibromofluoromethane	7.898	113	119700	52.865	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.720%			
50) Toluene-d8	10.324	98	418526	52.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.617	95	147752	50.268	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	28056	22.634	ug/l	94
3) Chloromethane	2.253	50	32451	24.969	ug/l	96
4) Vinyl Chloride	2.405	62	44166	26.164	ug/l	96
5) Bromomethane	2.820	94	37977	25.194	ug/l	98
6) Chloroethane	2.966	64	30681	25.809	ug/l	100
7) Trichlorofluoromethane	3.301	101	33421	19.982	ug/l	96
8) Diethyl Ether	3.722	74	26964	21.603	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	47196	25.049	ug/l	96
10) Methyl Iodide	4.307	142	56933	19.845	ug/l	97
11) Tert butyl alcohol	5.216	59	15410	93.829	ug/l	99
12) 1,1-Dichloroethene	4.069	96	48874	24.631	ug/l	100
13) Acrolein	3.923	56	13925	55.158	ug/l	94
14) Allyl chloride	4.697	41	56266	19.963	ug/l	97
15) Acrylonitrile	5.405	53	61681	101.644	ug/l	98
16) Acetone	4.155	43	94076	161.783	ug/l	99
17) Carbon Disulfide	4.423	76	101681	20.489	ug/l #	94
18) Methyl Acetate	4.710	43	34968	18.874	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	76866	20.514	ug/l	98
20) Methylene Chloride	4.947	84	56161	20.999	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	46378	20.923	ug/l	89
22) Diisopropyl ether	6.337	45	131943	21.509	ug/l	95
23) Vinyl Acetate	6.283	43	444822	106.654	ug/l	99
24) 1,1-Dichloroethane	6.240	63	85479	21.285	ug/l	99
25) 2-Butanone	7.191	43	92645	112.433	ug/l	97
26) 2,2-Dichloropropane	7.185	77	46188	21.718	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	54391	20.165	ug/l	97
28) Bromochloromethane	7.526	49	41461	22.553	ug/l	94
29) Tetrahydrofuran	7.551	42	52403	100.078	ug/l	99
30) Chloroform	7.691	83	98045	21.383	ug/l	97
31) Cyclohexane	7.965	56	70073	21.259	ug/l #	93
32) 1,1,1-Trichloroethane	7.886	97	70956	21.199	ug/l	96
36) 1,1-Dichloropropene	8.093	75	62591	21.320	ug/l	98
37) Ethyl Acetate	7.270	43	36979	20.997	ug/l	98
38) Carbon Tetrachloride	8.081	117	67727	21.520	ug/l	98
39) Methylcyclohexane	9.343	83	71546	20.575	ug/l	97
40) Benzene	8.331	78	194195	21.399	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032206.D
 Acq On : 19 Sep 2025 10:35
 Operator : SY/MD
 Sample : VW0919SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
 Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:04:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	18738	19.150	ug/l	96
42) 1,2-Dichloroethane	8.410	62	67886	21.579	ug/l	100
43) Isopropyl Acetate	8.435	43	66517	20.132	ug/l	98
44) Trichloroethene	9.099	130	47043	20.613	ug/l	93
45) 1,2-Dichloropropane	9.373	63	47229	21.589	ug/l	94
46) Dibromomethane	9.465	93	32257	21.023	ug/l	97
47) Bromodichloromethane	9.654	83	73843	21.177	ug/l	93
48) Methyl methacrylate	9.440	41	30695	20.159	ug/l	96
49) 1,4-Dioxane	9.465	88	7558	407.680	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	195163	104.612	ug/l	96
52) Toluene	10.392	92	125837	21.219	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	63806	20.743	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	71794	20.455	ug/l	91
55) 1,1,2-Trichloroethane	10.788	97	42428	21.264	ug/l	92
56) Ethyl methacrylate	10.648	69	50150	19.660	ug/l	98
57) 1,3-Dichloropropane	10.934	76	68568	20.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	130841	96.097	ug/l	98
59) 2-Hexanone	10.971	43	143252	110.408	ug/l	97
60) Dibromochloromethane	11.135	129	47396	19.631	ug/l	94
61) 1,2-Dibromoethane	11.233	107	40421	20.600	ug/l	98
64) Tetrachloroethene	10.861	164	39516	20.144	ug/l	96
65) Chlorobenzene	11.660	112	140097	20.650	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	46396	20.772	ug/l	98
67) Ethyl Benzene	11.733	91	228718	20.576	ug/l	98
68) m/p-Xylenes	11.836	106	182004	42.545	ug/l	99
69) o-Xylene	12.166	106	82211	20.317	ug/l	96
70) Styrene	12.178	104	147821	20.723	ug/l	99
71) Bromoform	12.349	173	26398	19.899	ug/l #	100
73) Isopropylbenzene	12.464	105	209635	20.086	ug/l	98
74) N-amyl acetate	12.269	43	60822	20.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	52081	20.997	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	43812m	22.763	ug/l	
77) Bromobenzene	12.745	156	53341	20.041	ug/l	96
78) n-propylbenzene	12.800	91	278005	21.940	ug/l	99
79) 2-Chlorotoluene	12.891	91	162749	21.004	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	186908	21.151	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	14524	20.318	ug/l	94
82) 4-Chlorotoluene	12.983	91	173002	20.858	ug/l	98
83) tert-Butylbenzene	13.202	119	157735	21.052	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	192497	21.056	ug/l	99
85) sec-Butylbenzene	13.379	105	235022	21.009	ug/l	99
86) p-Isopropyltoluene	13.495	119	199965	21.020	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	110262	20.575	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	106729	19.869	ug/l	98
89) n-Butylbenzene	13.818	91	196287	21.642	ug/l	97
90) Hexachloroethane	14.092	117	37657	21.641	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	96628	20.366	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	8655	19.752	ug/l	94
93) 1,2,4-Trichlorobenzene	15.128	180	57948	19.116	ug/l	95
94) Hexachlorobutadiene	15.226	225	28248	18.789	ug/l	96
95) Naphthalene	15.360	128	125776	18.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	55062	19.531	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032206.D
Acq On : 19 Sep 2025 10:35
Operator : SY/MD
Sample : VW0919SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:04:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

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

