

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031771.D
 Acq On : 09 Jul 2025 13:29
 Operator : SY/MD
 Sample : VW0709SBS02
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Quant Time: Jul 10 01:24:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	235139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	412663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	361228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173486	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	155351	46.037	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.080%
35) Dibromofluoromethane	7.898	113	129727	48.175	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.360%
50) Toluene-d8	10.325	98	487581	48.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.617	95	182758	49.558	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.052	85	30409	18.989	ug/l	97
3) Chloromethane	2.253	50	35874	18.582	ug/l	95
4) Vinyl Chloride	2.405	62	49206	19.391	ug/l	100
5) Bromomethane	2.820	94	36884	18.609	ug/l	93
6) Chloroethane	2.972	64	32730	18.988	ug/l	94
7) Trichlorofluoromethane	3.301	101	40730	17.674	ug/l	97
8) Diethyl Ether	3.722	74	32315	18.453	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	49505	19.353	ug/l	99
10) Methyl Iodide	4.313	142	75111	19.047	ug/l	99
11) Tert butyl alcohol	5.222	59	19332	92.471	ug/l	98
12) 1,1-Dichloroethene	4.082	96	61537	21.963	ug/l	87
13) Acrolein	3.923	56	29573	78.704	ug/l	91
14) Allyl chloride	4.697	41	81712	19.008	ug/l	97
15) Acrylonitrile	5.399	53	82305	95.576	ug/l	99
16) Acetone	4.161	43	89653	107.488	ug/l	98
17) Carbon Disulfide	4.417	76	138581	18.484	ug/l	97
18) Methyl Acetate	4.704	43	44437	18.641	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	91990	19.344	ug/l	96
20) Methylene Chloride	4.947	84	536568	188.222	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	56326	18.920	ug/l	95
22) Diisopropyl ether	6.337	45	161020	19.205	ug/l	98
23) Vinyl Acetate	6.283	43	555396	96.984	ug/l	98
24) 1,1-Dichloroethane	6.246	63	111798	20.568	ug/l	99
25) 2-Butanone	7.191	43	115516	106.456	ug/l	98
26) 2,2-Dichloropropane	7.185	77	60919	19.209	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	66948	19.563	ug/l	97
28) Bromochloromethane	7.526	49	44500	18.552	ug/l #	93
29) Tetrahydrofuran	7.557	42	81965	110.300	ug/l	91
30) Chloroform	7.691	83	112112	19.411	ug/l	99
31) Cyclohexane	7.965	56	90636	18.864	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	87147	19.579	ug/l	99
36) 1,1-Dichloropropene	8.093	75	78712	20.200	ug/l	99
37) Ethyl Acetate	7.270	43	47917	19.494	ug/l	99
38) Carbon Tetrachloride	8.081	117	79488	20.018	ug/l	98
39) Methylcyclohexane	9.343	83	96203	19.844	ug/l	99
40) Benzene	8.331	78	228786	19.845	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031771.D
 Acq On : 09 Jul 2025 13:29
 Operator : SY/MD
 Sample : VW0709SBS02
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 10 01:24:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	27136	20.608	ug/l	97
42) 1,2-Dichloroethane	8.410	62	75677	19.427	ug/l	98
43) Isopropyl Acetate	8.435	43	144397	34.079	ug/l #	89
44) Trichloroethene	9.099	130	55997	19.461	ug/l	99
45) 1,2-Dichloropropane	9.373	63	54753	19.651	ug/l	95
46) Dibromomethane	9.465	93	35055	19.487	ug/l	98
47) Bromodichloromethane	9.648	83	84010	19.916	ug/l	100
48) Methyl methacrylate	9.441	41	39104	18.769	ug/l	96
49) 1,4-Dioxane	9.465	88	6143	291.576	ug/l #	95
51) 4-Methyl-2-Pentanone	10.215	43	243843	100.100	ug/l	100
52) Toluene	10.392	92	148322	20.094	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	76698	19.379	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	87936	19.599	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	45934	19.494	ug/l	97
56) Ethyl methacrylate	10.648	69	62666	19.603	ug/l	98
57) 1,3-Dichloropropane	10.934	76	83722	20.237	ug/l #	71
58) 2-Chloroethyl Vinyl ether	9.928	63	195380	110.993	ug/l #	27
59) 2-Hexanone	10.971	43	174482	105.700	ug/l	100
60) Dibromochloromethane	11.129	129	55390	19.657	ug/l	96
61) 1,2-Dibromoethane	11.239	107	46891	19.878	ug/l	99
64) Tetrachloroethene	10.867	164	48883	20.688	ug/l	93
65) Chlorobenzene	11.654	112	165511	20.767	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	51758	20.379	ug/l	98
67) Ethyl Benzene	11.727	91	290462	21.017	ug/l	95
68) m/p-Xylenes	11.836	106	218556	41.138	ug/l	99
69) o-Xylene	12.166	106	105286	21.404	ug/l #	1
70) Styrene	12.178	104	176585	20.766	ug/l	99
71) Bromoform	12.349	173	31030	20.480	ug/l	99
73) Isopropylbenzene	12.464	105	271264	20.556	ug/l	100
74) N-amyl acetate	12.269	43	72435	20.365	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	73505	25.090	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	46832m	20.889	ug/l	
77) Bromobenzene	12.745	156	60532	20.567	ug/l	86
78) n-propylbenzene	12.800	91	359669m	22.761	ug/l	
79) 2-Chlorotoluene	12.891	91	195049	20.498	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	251006m	22.979	ug/l	
81) trans-1,4-Dichloro-2-b...	12.507	75	18146	18.852	ug/l	93
82) 4-Chlorotoluene	12.983	91	276572	27.684	ug/l	85
83) tert-Butylbenzene	13.202	119	200189	21.395	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	228996	20.691	ug/l	99
85) sec-Butylbenzene	13.379	105	286239	20.381	ug/l	99
86) p-Isopropyltoluene	13.495	119	242393	20.942	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	124523	21.097	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	125918	20.842	ug/l	92
89) n-Butylbenzene	13.818	91	229441	20.402	ug/l	99
90) Hexachloroethane	14.092	117	42835	20.514	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	110344	20.454	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	11683	20.423	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	67432	20.268	ug/l	92
94) Hexachlorobutadiene	15.226	225	31694	19.728	ug/l	94
95) Naphthalene	15.360	128	172585	21.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	61468	20.107	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031771.D
Acq On : 09 Jul 2025 13:29
Operator : SY/MD
Sample : VW0709SBS02
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 10 01:24:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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

