

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031793.D
 Acq On : 10 Jul 2025 11:05
 Operator : SY/MD
 Sample : VW0710SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS01

Quant Time: Jul 11 02:15:59 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	7.965	168	227800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	411611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	356304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	178658	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	159491	48.786	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.580%
35) Dibromofluoromethane	7.904	113	127793	47.578	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.160%
50) Toluene-d8	10.331	98	492896	49.312	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.617	95	188760	51.317	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	28672	18.481	ug/l	97
3) Chloromethane	2.259	50	36132	19.318	ug/l	100
4) Vinyl Chloride	2.405	62	49314	20.060	ug/l	99
5) Bromomethane	2.826	94	36183	18.843	ug/l	99
6) Chloroethane	2.972	64	32708	19.587	ug/l	96
7) Trichlorofluoromethane	3.308	101	40846	18.295	ug/l	96
8) Diethyl Ether	3.728	74	32965	19.431	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.112	101	47864	19.315	ug/l	99
10) Methyl Iodide	4.313	142	73757	19.306	ug/l	100
11) Tert butyl alcohol	5.222	59	18221	89.964	ug/l	98
12) 1,1-Dichloroethene	4.082	96	54927	20.236	ug/l	95
13) Acrolein	3.935	56	27559	75.707	ug/l	97
14) Allyl chloride	4.710	41	84175	20.212	ug/l	98
15) Acrylonitrile	5.405	53	78337	93.899	ug/l	99
16) Acetone	4.167	43	82057	101.550	ug/l	98
17) Carbon Disulfide	4.423	76	135639	18.674	ug/l	97
18) Methyl Acetate	4.716	43	40980	17.745	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	97453	21.153	ug/l	97
20) Methylene Chloride	4.954	84	86741	24.344	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	57914	20.080	ug/l	96
22) Diisopropyl ether	6.344	45	178983	22.036	ug/l	95
23) Vinyl Acetate	6.289	43	573681	103.404	ug/l	99
24) 1,1-Dichloroethane	6.246	63	107072	20.333	ug/l	98
25) 2-Butanone	7.203	43	113760	108.215	ug/l	93
26) 2,2-Dichloropropane	7.191	77	61808	20.117	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	68850	20.767	ug/l	98
28) Bromochloromethane	7.532	49	46935	20.197	ug/l	99
29) Tetrahydrofuran	7.557	42	70344	97.711	ug/l	98
30) Chloroform	7.697	83	118527	21.182	ug/l	99
31) Cyclohexane	7.971	56	94163	20.229	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	85287	19.778	ug/l	99
36) 1,1-Dichloropropene	8.099	75	80231	20.643	ug/l	99
37) Ethyl Acetate	7.282	43	49109	20.030	ug/l	98
38) Carbon Tetrachloride	8.087	117	77589	19.590	ug/l	93
39) Methylcyclohexane	9.343	83	98634	20.397	ug/l	97
40) Benzene	8.337	78	239525	20.830	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	27114	20.644	ug/l	98
42) 1,2-Dichloroethane	8.416	62	79451	20.448	ug/l	98
43) Isopropyl Acetate	8.441	43	84356	19.959	ug/l	99
44) Trichloroethene	9.105	130	58660	20.438	ug/l	96
45) 1,2-Dichloropropane	9.380	63	58767	21.145	ug/l	98
46) Dibromomethane	9.465	93	36342	20.254	ug/l	98
47) Bromodichloromethane	9.648	83	85402	20.298	ug/l	95
48) Methyl methacrylate	9.447	41	40682	19.576	ug/l	98
49) 1,4-Dioxane	9.465	88	7968	379.166	ug/l #	95
51) 4-Methyl-2-Pentanone	10.215	43	243938	100.395	ug/l	99
52) Toluene	10.392	92	153770	20.886	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	81344	20.605	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	93385	20.867	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	48442	20.611	ug/l	98
56) Ethyl methacrylate	10.648	69	65863	20.656	ug/l	99
57) 1,3-Dichloropropane	10.934	76	85519	20.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	180719	102.926	ug/l	97
59) 2-Hexanone	10.971	43	184308	111.938	ug/l	98
60) Dibromochloromethane	11.129	129	54573	19.417	ug/l	95
61) 1,2-Dibromoethane	11.239	107	48122	20.452	ug/l	99
64) Tetrachloroethene	10.867	164	45363	19.464	ug/l	91
65) Chlorobenzene	11.660	112	168300	21.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	54158	21.619	ug/l	97
67) Ethyl Benzene	11.733	91	300506	22.045	ug/l	98
68) m/p-Xylenes	11.843	106	221549	42.278	ug/l	97
69) o-Xylene	12.166	106	105871	21.820	ug/l	99
70) Styrene	12.184	104	179672	21.421	ug/l	98
71) Bromoform	12.349	173	26927	18.018	ug/l #	95
73) Isopropylbenzene	12.464	105	276577	20.352	ug/l	100
74) N-amyl acetate	12.269	43	74607	20.368	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	59677	19.780	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	47147m	20.421	ug/l	
77) Bromobenzene	12.745	156	62484	20.615	ug/l	89
78) n-propylbenzene	12.800	91	341885	21.009	ug/l	99
79) 2-Chlorotoluene	12.891	91	200599	20.471	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	239593	21.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	17858	18.016	ug/l	91
82) 4-Chlorotoluene	12.989	91	215000	20.898	ug/l	99
83) tert-Butylbenzene	13.202	119	193236	20.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	239532	21.016	ug/l	99
85) sec-Butylbenzene	13.379	105	297918	20.599	ug/l	99
86) p-Isopropyltoluene	13.495	119	243955	20.467	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	120827	19.878	ug/l	98
88) 1,4-Dichlorobenzene	13.580	146	118668	19.074	ug/l	92
89) n-Butylbenzene	13.818	91	243206	21.000	ug/l	98
90) Hexachloroethane	14.092	117	40832	18.988	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	111078	19.994	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10704	18.170	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	66450	19.394	ug/l	98
94) Hexachlorobutadiene	15.226	225	31136	18.819	ug/l	92
95) Naphthalene	15.360	128	159288	18.963	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	58180	18.480	ug/l	92

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

