

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032083.D
 Acq On : 14 Aug 2025 10:58
 Operator : SY/MD
 Sample : VW0814SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 03:48:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	218109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	379951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	343089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	177605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147653	46.808	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	93.620%		
35) Dibromofluoromethane	7.898	113	124076	50.548	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	101.100%		
50) Toluene-d8	10.325	98	454977	50.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	100.220%		
62) 4-Bromofluorobenzene	12.617	95	166018	49.621	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	99.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	33288	21.339	ug/l	95
3) Chloromethane	2.253	50	37450	17.822	ug/l	98
4) Vinyl Chloride	2.399	62	50061	19.695	ug/l	96
5) Bromomethane	2.814	94	42218	22.140	ug/l	94
6) Chloroethane	2.966	64	34212	20.341	ug/l	100
7) Trichlorofluoromethane	3.301	101	39414	19.357	ug/l	97
8) Diethyl Ether	3.716	74	31376	18.808	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	53669	22.341	ug/l	98
10) Methyl Iodide	4.307	142	67253	19.745	ug/l	98
11) Tert butyl alcohol	5.216	59	16282	79.711	ug/l	95
12) 1,1-Dichloroethene	4.076	96	55246	20.886	ug/l	94
13) Acrolein	3.929	56	22386	68.782	ug/l	99
14) Allyl chloride	4.698	41	64273	16.695	ug/l	88
15) Acrylonitrile	5.399	53	65441	82.359	ug/l	98
16) Acetone	4.155	43	86139	117.944	ug/l	98
17) Carbon Disulfide	4.423	76	123061	17.333	ug/l	98
18) Methyl Acetate	4.704	43	36534	15.808	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	82841	17.775	ug/l	96
20) Methylene Chloride	4.948	84	58381	17.289	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	51769	18.442	ug/l	95
22) Diisopropyl ether	6.338	45	141639	17.452	ug/l	92
23) Vinyl Acetate	6.277	43	481360	90.338	ug/l	99
24) 1,1-Dichloroethane	6.240	63	94906	18.303	ug/l	98
25) 2-Butanone	7.191	43	95473	91.978	ug/l	95
26) 2,2-Dichloropropane	7.185	77	49013	18.841	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	61895	18.864	ug/l	94
28) Bromochloromethane	7.526	49	43111	18.270	ug/l	97
29) Tetrahydrofuran	7.551	42	56439	82.447	ug/l	99
30) Chloroform	7.691	83	105761	19.239	ug/l	97
31) Cyclohexane	7.965	56	78359	17.431	ug/l	92
32) 1,1,1-Trichloroethane	7.886	97	77562	19.425	ug/l	98
36) 1,1-Dichloropropene	8.093	75	69861	20.189	ug/l	99
37) Ethyl Acetate	7.276	43	39212	19.240	ug/l	97
38) Carbon Tetrachloride	8.075	117	71526	21.419	ug/l	97
39) Methylcyclohexane	9.343	83	81832	19.402	ug/l	98
40) Benzene	8.337	78	214937	19.983	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	21151	18.301	ug/l #	93
42) 1,2-Dichloroethane	8.410	62	70737	20.552	ug/l	100
43) Isopropyl Acetate	8.435	43	69002	18.403	ug/l	99
44) Trichloroethene	9.099	130	53394	20.845	ug/l	99
45) 1,2-Dichloropropane	9.374	63	50638	19.487	ug/l	100
46) Dibromomethane	9.465	93	34565	20.610	ug/l	99
47) Bromodichloromethane	9.648	83	79691	20.621	ug/l	100
48) Methyl methacrylate	9.441	41	32521	17.966	ug/l #	92
49) 1,4-Dioxane	9.459	88	8402	387.463	ug/l #	83
51) 4-Methyl-2-Pentanone	10.215	43	205106	96.913	ug/l	95
52) Toluene	10.386	92	137378	20.277	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	69323	19.147	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	79480	19.350	ug/l	92
55) 1,1,2-Trichloroethane	10.788	97	44575	20.001	ug/l	93
56) Ethyl methacrylate	10.648	69	53600	17.973	ug/l #	92
57) 1,3-Dichloropropane	10.934	76	73958	19.038	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	147647	89.504	ug/l	99
59) 2-Hexanone	10.971	43	142726	97.375	ug/l	96
60) Dibromochloromethane	11.129	129	53091	20.855	ug/l	99
61) 1,2-Dibromoethane	11.233	107	43311	19.998	ug/l	98
64) Tetrachloroethene	10.861	164	43709	22.056	ug/l	97
65) Chlorobenzene	11.654	112	155926	20.880	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.727	131	49815	21.380	ug/l	97
67) Ethyl Benzene	11.727	91	256167	20.251	ug/l	93
68) m/p-Xylenes	11.837	106	207846	42.582	ug/l	97
69) o-Xylene	12.160	106	95460	21.160	ug/l	93
70) Styrene	12.178	104	163976	20.463	ug/l	99
71) Bromoform	12.349	173	28712	21.543	ug/l #	100
73) Isopropylbenzene	12.458	105	238599	19.223	ug/l	99
74) N-amyl acetate	12.269	43	63466	17.822	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	55872	18.959	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	46559m	19.315	ug/l	
77) Bromobenzene	12.745	156	60209	20.310	ug/l	89
78) n-propylbenzene	12.800	91	302042	19.766	ug/l	99
79) 2-Chlorotoluene	12.885	91	177356	18.805	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	205070	19.461	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	14854	15.953	ug/l	88
82) 4-Chlorotoluene	12.983	91	187599	18.722	ug/l	96
83) tert-Butylbenzene	13.202	119	170175	19.459	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	212657	19.825	ug/l	99
85) sec-Butylbenzene	13.379	105	258452	19.547	ug/l	98
86) p-Isopropyltoluene	13.495	119	220215	19.978	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	125068	21.202	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	119783	20.094	ug/l	99
89) n-Butylbenzene	13.818	91	207148	19.344	ug/l	99
90) Hexachloroethane	14.086	117	39591	19.640	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	108294	20.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9069	17.310	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	66171	20.701	ug/l	94
94) Hexachlorobutadiene	15.226	225	30219	21.148	ug/l	96
95) Naphthalene	15.360	128	146617	18.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	59840	20.574	ug/l	96

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

