

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032006.D
 Acq On : 05 Aug 2025 10:37
 Operator : SY/MD
 Sample : VW0805SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0805SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 03:51:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	208310	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	391172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	361011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	162817	51.668	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.340%			
35) Dibromofluoromethane	7.898	113	138934	52.269	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.540%			
50) Toluene-d8	10.325	98	517211	51.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.617	95	193872	50.189	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	26365	17.029	ug/l	94
3) Chloromethane	2.253	50	37311	18.776	ug/l	99
4) Vinyl Chloride	2.399	62	48869	18.932	ug/l	100
5) Bromomethane	2.820	94	37060	19.497	ug/l	99
6) Chloroethane	2.966	64	33900	19.898	ug/l	97
7) Trichlorofluoromethane	3.302	101	39434	15.083	ug/l	97
8) Diethyl Ether	3.722	74	34836	19.947	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	48392	19.243	ug/l	98
10) Methyl Iodide	4.301	142	73467	19.539	ug/l	99
11) Tert butyl alcohol	5.216	59	20025	108.108	ug/l #	85
12) 1,1-Dichloroethene	4.076	96	53873	19.395	ug/l	87
13) Acrolein	3.930	56	15860	53.826	ug/l	99
14) Allyl chloride	4.698	41	80911	18.712	ug/l	99
15) Acrylonitrile	5.399	53	82260	105.353	ug/l	98
16) Acetone	4.161	43	84759	113.350	ug/l	94
17) Carbon Disulfide	4.423	76	131918	18.313	ug/l	97
18) Methyl Acetate	4.704	43	45017	21.851	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	99813	20.798	ug/l	99
20) Methylene Chloride	4.948	84	66102	17.658	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	57235	19.421	ug/l	96
22) Diisopropyl ether	6.338	45	175116	20.239	ug/l	98
23) Vinyl Acetate	6.283	43	554184	98.040	ug/l	100
24) 1,1-Dichloroethane	6.240	63	107839	20.018	ug/l	99
25) 2-Butanone	7.191	43	105338	102.959	ug/l	95
26) 2,2-Dichloropropane	7.179	77	57311	18.792	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	70109	20.235	ug/l	98
28) Bromochloromethane	7.527	49	37325	16.548	ug/l	94
29) Tetrahydrofuran	7.551	42	70074	104.467	ug/l	99
30) Chloroform	7.691	83	118647	21.006	ug/l	96
31) Cyclohexane	7.965	56	88302	18.271	ug/l #	96
32) 1,1,1-Trichloroethane	7.880	97	86067	20.025	ug/l	98
36) 1,1-Dichloropropene	8.093	75	77957	19.098	ug/l	99
37) Ethyl Acetate	7.270	43	45588	19.577	ug/l	100
38) Carbon Tetrachloride	8.075	117	75259	19.210	ug/l	97
39) Methylcyclohexane	9.343	83	91956	17.900	ug/l	93
40) Benzene	8.337	78	239377	19.810	ug/l	99

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41) Methacrylonitrile	7.496	41	26777	19.209	ug/l	94
42) 1,2-Dichloroethane	8.410	62	78849	20.389	ug/l	100
43) Isopropyl Acetate	8.435	43	81589	19.354	ug/l	97
44) Trichloroethene	9.099	130	57050	19.863	ug/l	95
45) 1,2-Dichloropropane	9.374	63	58939	20.253	ug/l	98
46) Dibromomethane	9.465	93	37940	21.031	ug/l	98
47) Bromodichloromethane	9.648	83	89150	20.609	ug/l	99
48) Methyl methacrylate	9.441	41	40540	20.214	ug/l	98
49) 1,4-Dioxane	9.465	88	9033	501.815	ug/l	86
51) 4-Methyl-2-Pentanone	10.215	43	244617	106.029	ug/l	99
52) Toluene	10.392	92	151854	19.549	ug/l	93
53) t-1,3-Dichloropropene	10.605	75	79803	19.232	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	92173	19.451	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	51401	21.450	ug/l	98
56) Ethyl methacrylate	10.648	69	66061	19.520	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89265	21.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	148844	85.624	ug/l	98
59) 2-Hexanone	10.971	43	166921	104.089	ug/l	98
60) Dibromochloromethane	11.130	129	56847	20.347	ug/l	98
61) 1,2-Dibromoethane	11.233	107	49938	21.090	ug/l	99
64) Tetrachloroethene	10.867	164	46008	19.329	ug/l #	84
65) Chlorobenzene	11.654	112	170379	19.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	54357	19.845	ug/l	96
67) Ethyl Benzene	11.727	91	289638	18.657	ug/l	99
68) m/p-Xylenes	11.837	106	220485	37.728	ug/l	100
69) o-Xylene	12.166	106	106574	19.270	ug/l	95
70) Styrene	12.178	104	186413	19.796	ug/l	99
71) Bromoform	12.349	173	30990	20.687	ug/l #	95
73) Isopropylbenzene	12.465	105	265186	17.622	ug/l	98
74) N-amyl acetate	12.270	43	73879	18.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.709	83	65085	20.376	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	46387m	19.372	ug/l	
77) Bromobenzene	12.745	156	59890	18.394	ug/l	99
78) n-propylbenzene	12.800	91	332860	18.010	ug/l	99
79) 2-Chlorotoluene	12.885	91	203650	18.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	231052	18.307	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	18792	18.119	ug/l #	91
82) 4-Chlorotoluene	12.983	91	214142	18.498	ug/l	99
83) tert-Butylbenzene	13.202	119	189714	17.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	240374	18.817	ug/l	99
85) sec-Butylbenzene	13.379	105	280636	17.383	ug/l	99
86) p-Isopropyltoluene	13.495	119	243120	18.219	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	131328	19.377	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	124990	18.825	ug/l	99
89) n-Butylbenzene	13.818	91	234342	17.902	ug/l	99
90) Hexachloroethane	14.086	117	42100	18.245	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	119495	19.894	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10658	18.469	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	67639	18.672	ug/l	91
94) Hexachlorobutadiene	15.226	225	32606	18.996	ug/l	95
95) Naphthalene	15.360	128	166297	18.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	62635	19.084	ug/l	95

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

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