

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031819.D
 Acq On : 11 Jul 2025 14:48
 Operator : SY/MD
 Sample : VW0711SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Quant Time: Jul 11 22:48:08 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	205659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	389380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	347490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	156458	53.011	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 106.020%			
35) Dibromofluoromethane	7.898	113	132334	52.082	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.160%			
50) Toluene-d8	10.325	98	494544	52.302	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.617	95	186758	53.671	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 107.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	29328	20.939	ug/l	96
3) Chloromethane	2.259	50	35607	21.087	ug/l	97
4) Vinyl Chloride	2.406	62	47803	21.538	ug/l	98
5) Bromomethane	2.820	94	35313	20.370	ug/l	93
6) Chloroethane	2.972	64	30651	20.331	ug/l	96
7) Trichlorofluoromethane	3.302	101	34049	16.893	ug/l	100
8) Diethyl Ether	3.722	74	33633	21.959	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	50029	22.362	ug/l	97
10) Methyl Iodide	4.302	142	69319	20.098	ug/l	99
11) Tert butyl alcohol	5.228	59	17229	94.225	ug/l	98
12) 1,1-Dichloroethene	4.082	96	53280	21.742	ug/l	88
13) Acrolein	3.930	56	23931	72.818	ug/l	92
14) Allyl chloride	4.698	41	76582	20.368	ug/l	98
15) Acrylonitrile	5.399	53	75719	100.532	ug/l	98
16) Acetone	4.161	43	70707	96.925	ug/l	100
17) Carbon Disulfide	4.423	76	128817	19.644	ug/l	97
18) Methyl Acetate	4.704	43	40843	19.590	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	88720	21.330	ug/l	98
20) Methylene Chloride	4.954	84	95453	30.819	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	55893	21.465	ug/l	91
22) Diisopropyl ether	6.344	45	168489	22.977	ug/l	96
23) Vinyl Acetate	6.283	43	538839	107.580	ug/l	99
24) 1,1-Dichloroethane	6.246	63	106746	22.453	ug/l	98
25) 2-Butanone	7.191	43	97631	102.871	ug/l	96
26) 2,2-Dichloropropane	7.185	77	53389	19.248	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	65344	21.831	ug/l	99
28) Bromochloromethane	7.533	49	48646	23.187	ug/l	97
29) Tetrahydrofuran	7.557	42	65311	100.487	ug/l	99
30) Chloroform	7.691	83	114861	22.737	ug/l	97
31) Cyclohexane	7.972	56	90469	21.528	ug/l	95
32) 1,1,1-Trichloroethane	7.892	97	82525	21.198	ug/l	99
36) 1,1-Dichloropropene	8.100	75	77041	20.953	ug/l	99
37) Ethyl Acetate	7.277	43	45895	19.788	ug/l	98
38) Carbon Tetrachloride	8.081	117	74192	19.802	ug/l	97
39) Methylcyclohexane	9.343	83	91283	19.955	ug/l	93
40) Benzene	8.337	78	239548	22.021	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	27584	22.201	ug/l	94
42) 1,2-Dichloroethane	8.411	62	78460	21.346	ug/l	100
43) Isopropyl Acetate	8.435	43	79433	19.868	ug/l	99
44) Trichloroethene	9.099	130	56517	20.816	ug/l	91
45) 1,2-Dichloropropane	9.374	63	57439	21.848	ug/l	98
46) Dibromomethane	9.465	93	35464	20.894	ug/l	97
47) Bromodichloromethane	9.648	83	83707	21.031	ug/l	98
48) Methyl methacrylate	9.441	41	37596	19.124	ug/l	95
49) 1,4-Dioxane	9.465	88	7419	373.198	ug/l #	77
51) 4-Methyl-2-Pentanone	10.215	43	232099	100.976	ug/l	98
52) Toluene	10.392	92	149493	21.464	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	77058	20.634	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	88830	20.982	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	48309	21.728	ug/l	96
56) Ethyl methacrylate	10.648	69	63614	21.089	ug/l	99
57) 1,3-Dichloropropane	10.934	76	81878	20.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	171086	103.003	ug/l	98
59) 2-Hexanone	10.971	43	158999	102.080	ug/l	99
60) Dibromochloromethane	11.130	129	54006	20.312	ug/l	99
61) 1,2-Dibromoethane	11.233	107	46803	21.027	ug/l	99
64) Tetrachloroethene	10.867	164	45546	20.038	ug/l	94
65) Chlorobenzene	11.654	112	160421	20.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	52530	21.501	ug/l	95
67) Ethyl Benzene	11.733	91	282227	21.229	ug/l	95
68) m/p-Xylenes	11.837	106	214642	41.999	ug/l	99
69) o-Xylene	12.166	106	102240	21.607	ug/l	94
70) Styrene	12.178	104	178967	21.878	ug/l	100
71) Bromoform	12.349	173	26713	18.328	ug/l #	98
73) Isopropylbenzene	12.459	105	264674	20.053	ug/l	99
74) N-amyl acetate	12.270	43	71480	20.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	58177	19.854	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	44156m	19.692	ug/l	
77) Bromobenzene	12.745	156	62256	21.149	ug/l	85
78) n-propylbenzene	12.800	91	325111	20.570	ug/l	99
79) 2-Chlorotoluene	12.891	91	199845	20.998	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	227106	20.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	16126	16.751	ug/l #	85
82) 4-Chlorotoluene	12.989	91	210042	21.021	ug/l	97
83) tert-Butylbenzene	13.202	119	190050	20.308	ug/l	97
84) 1,2,4-Trimethylbenzene	13.251	105	228913	20.680	ug/l	98
85) sec-Butylbenzene	13.379	105	291806	20.774	ug/l	98
86) p-Isopropyltoluene	13.495	119	238607	20.612	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	121197	20.530	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	119007	19.695	ug/l	93
89) n-Butylbenzene	13.818	91	229026	20.362	ug/l	98
90) Hexachloroethane	14.086	117	40394	19.341	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	110620	20.501	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	10351	18.092	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	58475	17.572	ug/l	94
94) Hexachlorobutadiene	15.226	225	27084	16.855	ug/l	92
95) Naphthalene	15.354	128	150281	18.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	55925	18.290	ug/l	97

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

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