

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031751.D
 Acq On : 02 Jul 2025 11:16
 Operator : SY/MD
 Sample : VW0702SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

Quant Time: Jul 03 06:09:26 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 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	221271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	396891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	157309	49.539	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	99.080%		
35) Dibromofluoromethane	7.898	113	129094	49.845	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	99.700%		
50) Toluene-d8	10.325	98	498024	51.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	103.340%		
62) 4-Bromofluorobenzene	12.617	95	179868	50.713	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	101.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	32206	21.372	ug/l	98
3) Chloromethane	2.253	50	37274	20.517	ug/l	100
4) Vinyl Chloride	2.399	62	51283	21.476	ug/l	98
5) Bromomethane	2.820	94	38935	20.875	ug/l	89
6) Chloroethane	2.966	64	33033	20.365	ug/l	94
7) Trichlorofluoromethane	3.302	101	40821	18.823	ug/l	99
8) Diethyl Ether	3.722	74	32693	19.839	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	50809	21.108	ug/l	98
10) Methyl Iodide	4.301	142	76883	20.718	ug/l	99
11) Tert butyl alcohol	5.222	59	18430	93.681	ug/l #	86
12) 1,1-Dichloroethene	4.070	96	55137	20.912	ug/l	97
13) Acrolein	3.923	56	34990	98.956	ug/l	99
14) Allyl chloride	4.698	41	83953	20.753	ug/l	99
15) Acrylonitrile	5.399	53	81465	100.529	ug/l	99
16) Acetone	4.155	43	73913	94.171	ug/l	99
17) Carbon Disulfide	4.411	76	143253	20.304	ug/l	100
18) Methyl Acetate	4.704	43	42780	19.071	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	91645	20.479	ug/l	98
20) Methylene Chloride	4.948	84	74459	20.926	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	57803	20.633	ug/l	94
22) Diisopropyl ether	6.332	45	165952	21.034	ug/l	93
23) Vinyl Acetate	6.277	43	547656	101.626	ug/l	99
24) 1,1-Dichloroethane	6.240	63	105881	20.700	ug/l	99
25) 2-Butanone	7.191	43	101927	99.820	ug/l	99
26) 2,2-Dichloropropane	7.185	77	60939	20.419	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	66969	20.796	ug/l	100
28) Bromochloromethane	7.526	49	45980	20.370	ug/l	100
29) Tetrahydrofuran	7.545	42	69137	98.868	ug/l	98
30) Chloroform	7.691	83	113057	20.801	ug/l	93
31) Cyclohexane	7.965	56	92265	20.406	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	88061	21.024	ug/l	98
36) 1,1-Dichloropropene	8.093	75	77747	20.745	ug/l	99
37) Ethyl Acetate	7.270	43	49405	20.898	ug/l	97
38) Carbon Tetrachloride	8.075	117	78701	20.608	ug/l	95
39) Methylcyclohexane	9.343	83	97071	20.818	ug/l	97
40) Benzene	8.331	78	232834	20.999	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	27326	21.577	ug/l	98
42) 1,2-Dichloroethane	8.410	62	77712	20.743	ug/l	100
43) Isopropyl Acetate	8.435	43	80641	19.788	ug/l	98
44) Trichloroethene	9.105	130	57293	20.702	ug/l	90
45) 1,2-Dichloropropane	9.374	63	54985	20.518	ug/l	98
46) Dibromomethane	9.465	93	35411	20.468	ug/l	98
47) Bromodichloromethane	9.648	83	83838	20.665	ug/l	99
48) Methyl methacrylate	9.441	41	38588	19.257	ug/l	97
49) 1,4-Dioxane	9.465	88	7236	357.104	ug/l #	70
51) 4-Methyl-2-Pentanone	10.209	43	233829	99.804	ug/l	99
52) Toluene	10.392	92	146964	20.702	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	76761	20.166	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	87956	20.383	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	45094	19.898	ug/l	94
56) Ethyl methacrylate	10.648	69	59872	19.473	ug/l	100
57) 1,3-Dichloropropane	10.934	76	79056	19.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	170102	100.473	ug/l	98
59) 2-Hexanone	10.971	43	159731	100.609	ug/l	97
60) Dibromochloromethane	11.129	129	52286	19.293	ug/l	99
61) 1,2-Dibromoethane	11.233	107	46172	20.351	ug/l	99
64) Tetrachloroethene	10.861	164	48777	21.241	ug/l	93
65) Chlorobenzene	11.654	112	163117	21.059	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	51760	20.970	ug/l	97
67) Ethyl Benzene	11.727	91	283709	21.123	ug/l	96
68) m/p-Xylenes	11.837	106	221251	42.851	ug/l	100
69) o-Xylene	12.160	106	99602	20.835	ug/l	99
70) Styrene	12.178	104	176249	21.326	ug/l	100
71) Bromoform	12.349	173	29328	19.917	ug/l #	96
73) Isopropylbenzene	12.458	105	266577	20.352	ug/l	100
74) N-amyl acetate	12.269	43	69860	19.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	58400	20.083	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	45154m	20.291	ug/l	
77) Bromobenzene	12.745	156	58730	20.103	ug/l	92
78) n-propylbenzene	12.800	91	324009	20.657	ug/l	98
79) 2-Chlorotoluene	12.885	91	194997	20.645	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	228430	21.068	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	17303	18.110	ug/l	91
82) 4-Chlorotoluene	12.983	91	202825	20.454	ug/l	99
83) tert-Butylbenzene	13.202	119	192967	20.777	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	223072	20.306	ug/l	100
85) sec-Butylbenzene	13.379	105	287598	20.631	ug/l	100
86) p-Isopropyltoluene	13.495	119	232258	20.216	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	121366	20.715	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	123403	20.578	ug/l	99
89) n-Butylbenzene	13.818	91	232404	20.820	ug/l	99
90) Hexachloroethane	14.086	117	41564	20.053	ug/l	99
91) 1,2-Dichlorobenzene	13.861	146	104742	19.560	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10803	19.026	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	64374	19.493	ug/l	98
94) Hexachlorobutadiene	15.226	225	32748	20.536	ug/l	89
95) Naphthalene	15.360	128	152515	18.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	56902	18.752	ug/l	92

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

