

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031791.D
 Acq On : 10 Jul 2025 08:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/14/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 11 02:14:34 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

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	245114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	431816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	372703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	171584	48.778	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.560%
35) Dibromofluoromethane	7.898	113	142229	50.475	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.960%
50) Toluene-d8	10.325	98	531723	50.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.617	95	197999	51.310	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.620%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	81335	48.724	ug/l	100
3) Chloromethane	2.259	50	103069	51.214	ug/l	99
4) Vinyl Chloride	2.411	62	138364	52.307	ug/l	97
5) Bromomethane	2.832	94	98437	47.643	ug/l	98
6) Chloroethane	2.972	64	89799	49.977	ug/l	97
7) Trichlorofluoromethane	3.308	101	120660	50.227	ug/l	99
8) Diethyl Ether	3.722	74	91609	50.184	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.112	101	135020	50.636	ug/l	99
10) Methyl Iodide	4.307	142	203278	49.451	ug/l	100
11) Tert butyl alcohol	5.216	59	51199	234.934	ug/l	95
12) 1,1-Dichloroethene	4.082	96	147549	50.519	ug/l	95
13) Acrolein	3.929	56	54976	140.356	ug/l	97
14) Allyl chloride	4.710	41	234241	52.272	ug/l	99
15) Acrylonitrile	5.399	53	219796	244.849	ug/l	100
16) Acetone	4.161	43	213330	245.359	ug/l	98
17) Carbon Disulfide	4.423	76	385360	49.307	ug/l	99
18) Methyl Acetate	4.710	43	127191	51.186	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	270710	54.609	ug/l	99
20) Methylene Chloride	4.954	84	201763	59.333	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	156753	50.510	ug/l	93
22) Diisopropyl ether	6.338	45	487890	55.824	ug/l	98
23) Vinyl Acetate	6.283	43	1595365	267.247	ug/l	100
24) 1,1-Dichloroethane	6.246	63	296292	52.291	ug/l	99
25) 2-Butanone	7.191	43	295099	260.886	ug/l	99
26) 2,2-Dichloropropane	7.185	77	168976	51.113	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	187769	52.636	ug/l	100
28) Bromochloromethane	7.532	49	128678	51.462	ug/l	99
29) Tetrahydrofuran	7.551	42	195918	252.916	ug/l	98
30) Chloroform	7.691	83	312149	51.845	ug/l	99
31) Cyclohexane	7.971	56	252208	50.354	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	238332	51.366	ug/l	99
36) 1,1-Dichloropropene	8.093	75	218825	53.667	ug/l	99
37) Ethyl Acetate	7.270	43	126413	49.147	ug/l	99
38) Carbon Tetrachloride	8.081	117	219039	52.716	ug/l	99
39) Methylcyclohexane	9.343	83	274893	54.187	ug/l	99
40) Benzene	8.337	78	640183	53.067	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	74278	53.907	ug/l	96
42) 1,2-Dichloroethane	8.410	62	214834	52.705	ug/l	99
43) Isopropyl Acetate	8.435	43	235257	53.059	ug/l	99
44) Trichloroethene	9.099	130	150522	49.991	ug/l	96
45) 1,2-Dichloropropane	9.374	63	156663	53.733	ug/l	97
46) Dibromomethane	9.465	93	99819	53.029	ug/l	96
47) Bromodichloromethane	9.654	83	241552	54.724	ug/l	97
48) Methyl methacrylate	9.441	41	114242	52.401	ug/l	98
49) 1,4-Dioxane	9.465	88	23364	1059.780	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	674703	264.687	ug/l	100
52) Toluene	10.392	92	417758	54.087	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	232972	56.253	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	263620	56.150	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	130782	53.040	ug/l	97
56) Ethyl methacrylate	10.648	69	191318	57.193	ug/l	98
57) 1,3-Dichloropropane	10.934	76	234750	54.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	424465	230.437	ug/l	97
59) 2-Hexanone	10.971	43	473151	273.918	ug/l	99
60) Dibromochloromethane	11.129	129	157563	53.437	ug/l	97
61) 1,2-Dibromoethane	11.239	107	129900	52.626	ug/l	99
64) Tetrachloroethene	10.861	164	123056	50.476	ug/l	92
65) Chlorobenzene	11.660	112	445036	54.120	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	143400	54.724	ug/l	100
67) Ethyl Benzene	11.727	91	791900	55.536	ug/l	99
68) m/p-Xylenes	11.837	106	621844	113.445	ug/l	97
69) o-Xylene	12.166	106	291178	57.372	ug/l	97
70) Styrene	12.178	104	487219	55.530	ug/l	99
71) Bromoform	12.349	173	80971	51.797	ug/l #	99
73) Isopropylbenzene	12.458	105	751622	56.847	ug/l	100
74) N-amyl acetate	12.269	43	213716	59.970	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	160789	54.777	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	118719m	52.852	ug/l	
77) Bromobenzene	12.745	156	162590	55.136	ug/l	91
78) n-propylbenzene	12.800	91	919660	58.086	ug/l	98
79) 2-Chlorotoluene	12.891	91	543574	57.014	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	633002	57.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	54744	56.764	ug/l	98
82) 4-Chlorotoluene	12.989	91	560825	56.028	ug/l	98
83) tert-Butylbenzene	13.202	119	541064	57.715	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	635294	57.291	ug/l	99
85) sec-Butylbenzene	13.379	105	815956	57.987	ug/l	98
86) p-Isopropyltoluene	13.495	119	680929	58.717	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	311093	52.604	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	314021	51.878	ug/l	95
89) n-Butylbenzene	13.818	91	650184	57.705	ug/l	100
90) Hexachloroethane	14.092	117	114483	54.720	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	285982	52.908	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	30074	52.471	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	183110	54.930	ug/l	93
94) Hexachlorobutadiene	15.226	225	88681	55.092	ug/l	92
95) Naphthalene	15.360	128	458410	56.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	167959	54.834	ug/l	97

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

