

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031734.D
 Acq On : 30 Jun 2025 12:55
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 01 02:21:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2025
 Supervised By :Semsettin Yesilyurt 07/01/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	218767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	399414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	342661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	157853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	450859	143.606	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 287.220%#			
35) Dibromofluoromethane	7.898	113	374365	143.636	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 287.280%#			
50) Toluene-d8	10.325	98	1429859	147.419	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 294.840%#			
62) 4-Bromofluorobenzene	12.617	95	519559	145.561	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 291.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	230089	154.434	ug/l	100
3) Chloromethane	2.259	50	286265	159.372	ug/l	100
4) Vinyl Chloride	2.405	62	358412	151.812	ug/l	97
5) Bromomethane	2.814	94	274101	148.641	ug/l	97
6) Chloroethane	2.966	64	244261	152.312	ug/l	99
7) Trichlorofluoromethane	3.301	101	358255	167.089	ug/l	96
8) Diethyl Ether	3.716	74	223268	137.038	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	347651	146.081	ug/l	98
10) Methyl Iodide	4.301	142	539018	146.918	ug/l	100
11) Tert butyl alcohol	5.222	59	146727	754.362	ug/l	97
12) 1,1-Dichloroethene	4.070	96	386108	148.119	ug/l	95
13) Acrolein	3.929	56	257205	735.736	ug/l	96
14) Allyl chloride	4.704	41	619915	154.996	ug/l	98
15) Acrylonitrile	5.399	53	594796	742.391	ug/l	99
16) Acetone	4.155	43	473412	606.303	ug/l	99
17) Carbon Disulfide	4.417	76	1071989	153.680	ug/l	98
18) Methyl Acetate	4.704	43	318399	143.565	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	648742	146.627	ug/l	98
20) Methylene Chloride	4.954	84	411070	150.156	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	412998	149.107	ug/l	97
22) Diisopropyl ether	6.337	45	1161324	148.881	ug/l	98
23) Vinyl Acetate	6.283	43	4186413	785.745	ug/l	100
24) 1,1-Dichloroethane	6.246	63	756841	149.658	ug/l	99
25) 2-Butanone	7.191	43	776184	768.838	ug/l	98
26) 2,2-Dichloropropane	7.191	77	441320	149.570	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	485495	152.485	ug/l	99
28) Bromochloromethane	7.532	49	321043	143.858	ug/l	97
29) Tetrahydrofuran	7.551	42	517793	748.936	ug/l	99
30) Chloroform	7.691	83	792676	147.511	ug/l	97
31) Cyclohexane	7.971	56	643550	143.962	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	629664	152.050	ug/l	99
36) 1,1-Dichloropropene	8.093	75	559803	148.429	ug/l	99
37) Ethyl Acetate	7.270	43	341691	143.618	ug/l	100
38) Carbon Tetrachloride	8.087	117	580610	151.072	ug/l	97
39) Methylcyclohexane	9.343	83	741380	157.996	ug/l	99
40) Benzene	8.337	78	1642494	147.198	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	199650	156.650	ug/l	99
42) 1,2-Dichloroethane	8.410	62	533792	141.578	ug/l	99
43) Isopropyl Acetate	8.435	43	631057	153.874	ug/l	100
44) Trichloroethene	9.099	130	424322	152.358	ug/l	99
45) 1,2-Dichloropropane	9.373	63	390006	144.616	ug/l	98
46) Dibromomethane	9.465	93	251060	144.196	ug/l	99
47) Bromodichloromethane	9.648	83	610837	149.611	ug/l	99
48) Methyl methacrylate	9.441	41	306797	152.139	ug/l	99
49) 1,4-Dioxane	9.459	88	57850	3121.017	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	1721097	729.963	ug/l	99
52) Toluene	10.392	92	1076709	150.709	ug/l	95
53) t-1,3-Dichloropropene	10.605	75	598943	156.353	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	670647	154.433	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	326894	143.331	ug/l	97
56) Ethyl methacrylate	10.648	69	490690	158.587	ug/l	99
57) 1,3-Dichloropropane	10.934	76	570666	142.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	1297023	761.261	ug/l	100
59) 2-Hexanone	10.971	43	1192007	746.062	ug/l	99
60) Dibromochloromethane	11.129	129	413333	151.554	ug/l	98
61) 1,2-Dibromoethane	11.233	107	336847	147.535	ug/l	98
64) Tetrachloroethene	10.867	164	353130	157.549	ug/l	92
65) Chlorobenzene	11.660	112	1150958	152.237	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	375280	155.768	ug/l	99
67) Ethyl Benzene	11.733	91	2044338	155.940	ug/l	94
68) m/p-Xylenes	11.836	106	1571204	311.770	ug/l	98
69) o-Xylene	12.166	106	743731	159.389	ug/l	99
70) Styrene	12.178	104	1266593	157.015	ug/l	99
71) Bromoform	12.349	173	229439	159.639	ug/l #	98
73) Isopropylbenzene	12.464	105	1956819	162.971	ug/l	99
74) N-amyl acetate	12.269	43	535843	165.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	403490	151.363	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	308804m	151.382	ug/l	
77) Bromobenzene	12.745	156	427085	159.479	ug/l	88
78) n-propylbenzene	12.800	91	2324539	161.670	ug/l	100
79) 2-Chlorotoluene	12.891	91	1366267	157.800	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1593533	160.332	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	146143	166.866	ug/l	98
82) 4-Chlorotoluene	12.989	91	1410360	155.153	ug/l	98
83) tert-Butylbenzene	13.202	119	1418313	166.594	ug/l	96
84) 1,2,4-Trimethylbenzene	13.251	105	1609766	159.853	ug/l	99
85) sec-Butylbenzene	13.379	105	2077110	162.545	ug/l	99
86) p-Isopropyltoluene	13.495	119	1725089	163.804	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	815863	151.913	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	826448	150.344	ug/l	96
89) n-Butylbenzene	13.818	91	1662481	162.473	ug/l	99
90) Hexachloroethane	14.092	117	319664	168.248	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	740320	150.818	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	82484	158.471	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	486869	160.827	ug/l	97
94) Hexachlorobutadiene	15.226	225	231652	158.470	ug/l	93
95) Naphthalene	15.360	128	1256199	169.258	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	438342	157.584	ug/l	97

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

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