

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032129.D
 Acq On : 25 Aug 2025 13:17
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 26 04:06:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:03:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	217269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	362359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	335232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	61143	20.494	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	40.980%#		
35) Dibromofluoromethane	7.898	113	50977	20.722	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	41.440%#		
50) Toluene-d8	10.325	98	182186	20.757	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	41.520%#		
62) 4-Bromofluorobenzene	12.617	95	65340	20.056	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	40.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	32509	22.785	ug/l	94
3) Chloromethane	2.253	50	31947	20.652	ug/l	98
4) Vinyl Chloride	2.405	62	40276	21.328	ug/l	97
5) Bromomethane	2.814	94	35933	21.109	ug/l	96
6) Chloroethane	2.972	64	28486	21.258	ug/l	95
7) Trichlorofluoromethane	3.308	101	37568	19.708	ug/l	99
8) Diethyl Ether	3.722	74	29287	21.018	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	44668	21.249	ug/l	98
10) Methyl Iodide	4.314	142	67764	20.988	ug/l	99
11) Tert butyl alcohol	5.222	59	17673	94.854	ug/l	97
12) 1,1-Dichloroethene	4.076	96	45609	20.311	ug/l #	91
13) Acrolein	3.924	56	15137	131.150	ug/l	100
14) Allyl chloride	4.704	41	65575	20.640	ug/l	98
15) Acrylonitrile	5.405	53	70365	102.383	ug/l	99
16) Acetone	4.161	43	73612	104.876	ug/l	100
17) Carbon Disulfide	4.423	76	115009	20.471	ug/l	96
18) Methyl Acetate	4.710	43	39904	19.968	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	87597	20.900	ug/l	99
20) Methylene Chloride	4.960	84	56344	19.945	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	52691	21.036	ug/l	96
22) Diisopropyl ether	6.344	45	145621	20.806	ug/l	94
23) Vinyl Acetate	6.289	43	508433	105.908	ug/l	99
24) 1,1-Dichloroethane	6.240	63	93277	20.844	ug/l	99
25) 2-Butanone	7.191	43	100227	103.005	ug/l	98
26) 2,2-Dichloropropane	7.185	77	49577	20.245	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	63278	20.886	ug/l	100
28) Bromochloromethane	7.533	49	42054	20.280	ug/l #	99
29) Tetrahydrofuran	7.551	42	62646	104.437	ug/l	99
30) Chloroform	7.691	83	106913	20.881	ug/l	97
31) Cyclohexane	7.972	56	75389	20.147	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	76869	20.664	ug/l	98
36) 1,1-Dichloropropene	8.100	75	68249	21.056	ug/l	98
37) Ethyl Acetate	7.270	43	43409	21.797	ug/l	98
38) Carbon Tetrachloride	8.087	117	69450	20.212	ug/l	95
39) Methylcyclohexane	9.343	83	80107	20.781	ug/l	98
40) Benzene	8.337	78	212614	21.301	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	22065	20.337	ug/l	93
42) 1,2-Dichloroethane	8.411	62	73480	21.161	ug/l	99
43) Isopropyl Acetate	8.435	43	77353	21.076	ug/l	97
44) Trichloroethene	9.099	130	55465	21.571	ug/l	96
45) 1,2-Dichloropropane	9.380	63	51534	21.444	ug/l	99
46) Dibromomethane	9.471	93	35984	21.470	ug/l	99
47) Bromodichloromethane	9.648	83	81248	21.385	ug/l	99
48) Methyl methacrylate	9.441	41	35188	20.406	ug/l	96
49) 1,4-Dioxane	9.465	88	9348	420.961	ug/l	96
51) 4-Methyl-2-Pentanone	10.215	43	218471	105.641	ug/l	99
52) Toluene	10.392	92	137564	21.205	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	70501	20.653	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	81604	20.955	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	47166	21.549	ug/l	97
56) Ethyl methacrylate	10.648	69	57949	20.421	ug/l	99
57) 1,3-Dichloropropane	10.934	76	77949	21.337	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	158939	103.896	ug/l	100
59) 2-Hexanone	10.971	43	156640	106.510	ug/l	100
60) Dibromochloromethane	11.136	129	56138	21.170	ug/l	97
61) 1,2-Dibromoethane	11.239	107	46425	21.368	ug/l	97
64) Tetrachloroethene	10.867	164	45062	20.233	ug/l	96
65) Chlorobenzene	11.660	112	159568	21.059	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	50568	20.687	ug/l	97
67) Ethyl Benzene	11.727	91	260497	20.785	ug/l	97
68) m/p-Xylenes	11.837	106	204966	42.385	ug/l	98
69) o-Xylene	12.166	106	95298	20.810	ug/l	98
70) Styrene	12.178	104	170706	21.502	ug/l	99
71) Bromoform	12.349	173	28980	19.754	ug/l #	97
73) Isopropylbenzene	12.465	105	236441	20.022	ug/l	99
74) N-amyl acetate	12.270	43	70666	20.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	56827	20.302	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	43369m	19.911	ug/l	
77) Bromobenzene	12.745	156	62750	20.674	ug/l	93
78) n-propylbenzene	12.800	91	296940	20.408	ug/l	100
79) 2-Chlorotoluene	12.891	91	181010	20.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	204034	20.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	15863	19.020	ug/l	95
82) 4-Chlorotoluene	12.989	91	192030	20.562	ug/l	99
83) tert-Butylbenzene	13.202	119	174245	20.215	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	220285	21.014	ug/l	100
85) sec-Butylbenzene	13.379	105	259632	20.261	ug/l	99
86) p-Isopropyltoluene	13.495	119	220280	20.338	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	121940	20.343	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	125997	20.614	ug/l	98
89) n-Butylbenzene	13.818	91	208183	20.012	ug/l	100
90) Hexachloroethane	14.092	117	40149	20.165	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	108083	19.735	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10012	19.752	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	69505	20.102	ug/l	95
94) Hexachlorobutadiene	15.226	225	34325	20.615	ug/l	91
95) Naphthalene	15.360	128	152875	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	62170	19.453	ug/l	94

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

