

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032128.D
 Acq On : 25 Aug 2025 12:55
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 04:05:02 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

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	230907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	383996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	359504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	29934	9.441	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	18.880%#		
35) Dibromofluoromethane	7.898	113	25576	9.811	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	19.620%#		
50) Toluene-d8	10.324	98	87358	9.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	18.780%#		
62) 4-Bromofluorobenzene	12.617	95	32873	9.522	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	19.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	16022	10.566	ug/l	94
3) Chloromethane	2.253	50	16748	10.187	ug/l	99
4) Vinyl Chloride	2.405	62	20906	10.417	ug/l	99
5) Bromomethane	2.826	94	18590	10.276	ug/l	93
6) Chloroethane	2.978	64	13691	9.614	ug/l	99
7) Trichlorofluoromethane	3.307	101	20536	10.137	ug/l	94
8) Diethyl Ether	3.722	74	14586	9.849	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	23355	10.454	ug/l	98
10) Methyl Iodide	4.319	142	33586	9.788	ug/l	99
11) Tert butyl alcohol	5.222	59	9069	45.800	ug/l	99
12) 1,1-Dichloroethene	4.082	96	23958	10.039	ug/l	95
13) Acrolein	3.935	56	7608	62.024	ug/l	90
14) Allyl chloride	4.710	41	33349	9.877	ug/l	98
15) Acrylonitrile	5.398	53	32562	44.580	ug/l	96
16) Acetone	4.167	43	39134	52.462	ug/l	96
17) Carbon Disulfide	4.417	76	60762	10.176	ug/l	97
18) Methyl Acetate	4.716	43	18650	8.781	ug/l	96
19) Methyl tert-butyl Ether	5.465	73	41756	9.374	ug/l	99
20) Methylene Chloride	4.953	84	39627	13.199	ug/l	93
21) trans-1,2-Dichloroethene	5.465	96	26022	9.775	ug/l	95
22) Diisopropyl ether	6.343	45	69895	9.396	ug/l	98
23) Vinyl Acetate	6.289	43	233771	45.819	ug/l	98
24) 1,1-Dichloroethane	6.246	63	47349	9.956	ug/l	99
25) 2-Butanone	7.197	43	46823	45.279	ug/l	100
26) 2,2-Dichloropropane	7.191	77	25186	9.678	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	30286	9.406	ug/l	97
28) Bromochloromethane	7.526	49	20625	9.359	ug/l	100
29) Tetrahydrofuran	7.557	42	28473	44.664	ug/l	98
30) Chloroform	7.697	83	52361	9.623	ug/l	99
31) Cyclohexane	7.965	56	42177	10.606	ug/l #	91
32) 1,1,1-Trichloroethane	7.886	97	39163	9.906	ug/l	97
36) 1,1-Dichloropropene	8.099	75	35459	10.323	ug/l	98
37) Ethyl Acetate	7.276	43	21276	10.082	ug/l	99
38) Carbon Tetrachloride	8.087	117	37140	10.200	ug/l	98
39) Methylcyclohexane	9.343	83	40884	10.008	ug/l	99
40) Benzene	8.337	78	107660	10.178	ug/l	94

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41) Methacrylonitrile	7.502	41	11083	9.639	ug/l	93
42) 1,2-Dichloroethane	8.416	62	35884	9.752	ug/l	99
43) Isopropyl Acetate	8.434	43	35468	9.119	ug/l	98
44) Trichloroethene	9.105	130	27452	10.075	ug/l	95
45) 1,2-Dichloropropane	9.373	63	25157	9.879	ug/l	98
46) Dibromomethane	9.471	93	17456	9.828	ug/l	99
47) Bromodichloromethane	9.654	83	39551	9.823	ug/l	98
48) Methyl methacrylate	9.440	41	16164	8.845	ug/l	95
49) 1,4-Dioxane	9.465	88	3841	163.223	ug/l	92
51) 4-Methyl-2-Pentanone	10.215	43	99587	45.442	ug/l	100
52) Toluene	10.391	92	68700	9.993	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	32578	9.006	ug/l	95
54) cis-1,3-Dichloropropene	10.081	75	38622	9.359	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	22402	9.658	ug/l	93
56) Ethyl methacrylate	10.647	69	26280	8.739	ug/l	98
57) 1,3-Dichloropropane	10.934	76	37973	9.809	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	73104	45.094	ug/l	98
59) 2-Hexanone	10.971	43	69676	44.708	ug/l	99
60) Dibromochloromethane	11.129	129	26774	9.528	ug/l	97
61) 1,2-Dibromoethane	11.239	107	22162	9.626	ug/l	96
64) Tetrachloroethene	10.867	164	24817	10.391	ug/l	89
65) Chlorobenzene	11.660	112	79508	9.785	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	24375	9.299	ug/l	97
67) Ethyl Benzene	11.727	91	127591	9.493	ug/l	96
68) m/p-Xylenes	11.836	106	101062	19.488	ug/l	100
69) o-Xylene	12.166	106	47196	9.610	ug/l	94
70) Styrene	12.184	104	79383	9.324	ug/l	98
71) Bromoform	12.348	173	13738	8.732	ug/l #	97
73) Isopropylbenzene	12.464	105	115553	9.603	ug/l	100
74) N-amyl acetate	12.269	43	31030	8.868	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	28233	9.899	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	20624m	9.292	ug/l	
77) Bromobenzene	12.751	156	29004	9.378	ug/l	85
78) n-propylbenzene	12.800	91	145659	9.824	ug/l	99
79) 2-Chlorotoluene	12.891	91	89164	9.901	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	100239	9.757	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	7676	9.032	ug/l	92
82) 4-Chlorotoluene	12.989	91	94107	9.889	ug/l	99
83) tert-Butylbenzene	13.202	119	83161	9.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	101422	9.495	ug/l	100
85) sec-Butylbenzene	13.379	105	126261	9.669	ug/l	100
86) p-Isopropyltoluene	13.495	119	108099	9.795	ug/l	98
87) 1,3-Dichlorobenzene	13.501	146	61664	10.095	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	61396	9.858	ug/l	91
89) n-Butylbenzene	13.818	91	103454	9.760	ug/l	99
90) Hexachloroethane	14.086	117	19525	9.624	ug/l	99
91) 1,2-Dichlorobenzene	13.866	146	56893	10.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	5032	9.742	ug/l	91
93) 1,2,4-Trichlorobenzene	15.128	180	33691	9.563	ug/l	96
94) Hexachlorobutadiene	15.226	225	16863	9.939	ug/l	98
95) Naphthalene	15.366	128	70452	8.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	32269	9.909	ug/l	92

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

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