

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
 Data File : VY023636.D
 Acq On : 31 Oct 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 03:19:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	461906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	665068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	595630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	310256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	189963	49.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.640	113	215281	52.681	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.360%		
50) Toluene-d8	10.109	98	789930	51.905	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.408	95	266906	53.122	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	135552	40.771	ug/l	99
3) Chloromethane	2.074	50	193781	42.785	ug/l	98
4) Vinyl Chloride	2.208	62	257370	43.628	ug/l	100
5) Bromomethane	2.605	94	213008	43.027	ug/l	100
6) Chloroethane	2.739	64	193188	48.042	ug/l	98
7) Trichlorofluoromethane	3.062	101	380303	46.430	ug/l	99
8) Diethyl Ether	3.458	74	102337	47.814	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	217973	51.283	ug/l	99
10) Methyl Iodide	4.007	142	273590	57.819	ug/l	100
11) Tert butyl alcohol	4.860	59	63427	220.731	ug/l	99
12) 1,1-Dichloroethene	3.793	96	204537	49.641	ug/l	94
13) Acrolein	3.653	56	17244	42.470	ug/l	99
14) Allyl chloride	4.391	41	267846	53.340	ug/l	98
15) Acrylonitrile	5.061	53	200628	244.939	ug/l	99
16) Acetone	3.866	43	236639	257.343	ug/l	98
17) Carbon Disulfide	4.110	76	541395	45.909	ug/l	99
18) Methyl Acetate	4.391	43	135072	55.996	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	503670	50.861	ug/l	97
20) Methylene Chloride	4.622	84	236416	47.546	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	237635	52.385	ug/l	95
22) Diisopropyl ether	6.025	45	624784	56.249	ug/l	98
23) Vinyl Acetate	5.964	43	1504905	250.309	ug/l	99
24) 1,1-Dichloroethane	5.921	63	403888	54.894	ug/l	98
25) 2-Butanone	6.896	43	264989	236.045	ug/l	97
26) 2,2-Dichloropropane	6.890	77	374320	55.444	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	287368	54.841	ug/l	99
28) Bromochloromethane	7.250	49	132281	48.160	ug/l	96
29) Tetrahydrofuran	7.262	42	146424	230.008	ug/l	99
30) Chloroform	7.427	83	451866	55.898	ug/l	99
31) Cyclohexane	7.707	56	305251	47.507	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	397925	54.167	ug/l	99
36) 1,1-Dichloropropene	7.841	75	294628	54.459	ug/l	99
37) Ethyl Acetate	6.988	43	100526	46.901	ug/l	99
38) Carbon Tetrachloride	7.823	117	356470	54.339	ug/l	97
39) Methylcyclohexane	9.116	83	364277	51.714	ug/l	97
40) Benzene	8.085	78	958091	55.919	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	58593m	50.546	ug/l	
42) 1,2-Dichloroethane	8.158	62	236144	53.442	ug/l	99
43) Isopropyl Acetate	8.201	43	204043	47.742	ug/l	99
44) Trichloroethene	8.872	130	270820	54.004	ug/l	99
45) 1,2-Dichloropropane	9.140	63	217532	57.482	ug/l	98
46) Dibromomethane	9.231	93	128116	53.538	ug/l	98
47) Bromodichloromethane	9.426	83	341977	56.743	ug/l	99
48) Methyl methacrylate	9.225	41	98890	49.252	ug/l	97
49) 1,4-Dioxane	9.231	88	25774	928.969	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	552309	250.121	ug/l	99
52) Toluene	10.170	92	631102	56.731	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	284401	54.271	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	343580	55.551	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	175179	54.438	ug/l	97
56) Ethyl methacrylate	10.438	69	195993	52.801	ug/l	99
57) 1,3-Dichloropropane	10.719	76	278103	54.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	434206	261.121	ug/l	98
59) 2-Hexanone	10.762	43	392649	248.819	ug/l	99
60) Dibromochloromethane	10.914	129	244248	54.138	ug/l	99
61) 1,2-Dibromoethane	11.018	107	161019	52.467	ug/l	99
64) Tetrachloroethene	10.646	164	330471	53.734	ug/l	96
65) Chlorobenzene	11.444	112	710474	54.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	256006	55.455	ug/l	98
67) Ethyl Benzene	11.518	91	1201554	57.300	ug/l	99
68) m/p-Xylenes	11.627	106	954497	113.484	ug/l	98
69) o-Xylene	11.956	106	442584	56.100	ug/l	98
70) Styrene	11.969	104	743016	57.272	ug/l	99
71) Bromoform	12.133	173	144743	50.547	ug/l	99
73) Isopropylbenzene	12.255	105	1174672	57.452	ug/l	99
74) N-amyl acetate	12.072	43	169550	46.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	166253	49.715	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	133549m	48.789	ug/l	
77) Bromobenzene	12.530	156	290562	53.455	ug/l	98
78) n-propylbenzene	12.597	91	1387644	58.648	ug/l	99
79) 2-Chlorotoluene	12.682	91	790048	57.020	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	968283	58.605	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	55268	49.512	ug/l	97
82) 4-Chlorotoluene	12.780	91	818071	57.330	ug/l	99
83) tert-Butylbenzene	12.999	119	876173	57.435	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	955742	57.963	ug/l	99
85) sec-Butylbenzene	13.176	105	1263491	57.738	ug/l	99
86) p-Isopropyltoluene	13.292	119	1078678	57.895	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	577534	54.562	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	554490	53.040	ug/l	99
89) n-Butylbenzene	13.615	91	939971	57.900	ug/l	99
90) Hexachloroethane	13.883	117	221593	55.297	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	495479	53.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25290	46.090	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	280352	48.459	ug/l	99
94) Hexachlorobutadiene	15.023	225	186418	51.691	ug/l	99
95) Naphthalene	15.145	128	401468	43.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	230552	46.008	ug/l	99

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QLast Update : Wed Oct 08 05:12:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

