

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023276.D
 Acq On : 03 Sep 2025 15:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/04/2025
 Supervised By :Semsettin Yesilyurt 09/04/2025

Quant Time: Sep 04 01:18:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	481952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	734390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	657599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	352837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	204015	44.415	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.840%		
35) Dibromofluoromethane	7.634	113	218033	49.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.240%		
50) Toluene-d8	10.109	98	823235	47.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.900%		
62) 4-Bromofluorobenzene	12.401	95	273928	49.617	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	141544	35.980	ug/l	97
3) Chloromethane	2.074	50	240589	37.759	ug/l	100
4) Vinyl Chloride	2.208	62	309097	39.244	ug/l	99
5) Bromomethane	2.598	94	258827	44.001	ug/l	99
6) Chloroethane	2.738	64	222297	42.452	ug/l	97
7) Trichlorofluoromethane	3.055	101	408360	42.638	ug/l	98
8) Diethyl Ether	3.458	74	112660	44.462	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.817	101	218752	46.297	ug/l	97
10) Methyl Iodide	4.006	142	256698	50.347	ug/l	98
11) Tert butyl alcohol	4.872	59	77851	247.358	ug/l	99
12) 1,1-Dichloroethene	3.793	96	209117	45.027	ug/l	87
13) Acrolein	3.653	56	18822	40.835	ug/l	98
14) Allyl chloride	4.384	41	275447	40.307	ug/l	97
15) Acrylonitrile	5.061	53	236232	229.323	ug/l	99
16) Acetone	3.878	43	202100	203.091	ug/l	98
17) Carbon Disulfide	4.104	76	609042	40.219	ug/l	98
18) Methyl Acetate	4.390	43	131908	44.544	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	549528	45.662	ug/l	99
20) Methylene Chloride	4.616	84	257941	49.876	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	241517	46.275	ug/l	91
22) Diisopropyl ether	6.018	45	639771	43.083	ug/l	96
23) Vinyl Acetate	5.963	43	1778495	216.593	ug/l	97
24) 1,1-Dichloroethane	5.914	63	405772	44.693	ug/l	98
25) 2-Butanone	6.896	43	289362	213.803	ug/l	93
26) 2,2-Dichloropropane	6.884	77	346321	44.207	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	284347	47.126	ug/l	94
28) Bromochloromethane	7.250	49	165526	45.954	ug/l	91
29) Tetrahydrofuran	7.268	42	185638	221.283	ug/l	95
30) Chloroform	7.420	83	442460	47.254	ug/l	96
31) Cyclohexane	7.701	56	336420	39.322	ug/l	99
32) 1,1,1-Trichloroethane	7.621	97	389898	46.929	ug/l	98
36) 1,1-Dichloropropene	7.841	75	302813	46.368	ug/l	99
37) Ethyl Acetate	6.987	43	128698	46.913	ug/l	97
38) Carbon Tetrachloride	7.823	117	349652	49.294	ug/l	98
39) Methylcyclohexane	9.109	83	395802	46.024	ug/l	96
40) Benzene	8.079	78	960060	47.697	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023276.D
 Acq On : 03 Sep 2025 15:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/04/2025
 Supervised By :Semsettin Yesilyurt 09/04/2025

Quant Time: Sep 04 01:18:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	71853	45.384	ug/l	93
42) 1,2-Dichloroethane	8.158	62	246090	47.009	ug/l	99
43) Isopropyl Acetate	8.201	43	254876	45.967	ug/l	96
44) Trichloroethene	8.865	130	265162	50.977	ug/l	100
45) 1,2-Dichloropropane	9.140	63	216939	46.841	ug/l	99
46) Dibromomethane	9.231	93	134891	50.745	ug/l	97
47) Bromodichloromethane	9.426	83	339683	49.661	ug/l	99
48) Methyl methacrylate	9.225	41	125456	47.284	ug/l	94
49) 1,4-Dioxane	9.231	88	29877	958.559	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	692454	242.106	ug/l	98
52) Toluene	10.170	92	625846	48.955	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	295286	47.674	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	348688	47.607	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	181181	50.937	ug/l	95
56) Ethyl methacrylate	10.438	69	228989	50.310	ug/l	96
57) 1,3-Dichloropropane	10.719	76	296853	49.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	529807	246.771	ug/l	94
59) 2-Hexanone	10.761	43	461150	236.785	ug/l	97
60) Dibromochloromethane	10.907	129	248700	52.989	ug/l	100
61) 1,2-Dibromoethane	11.017	107	172649	51.642	ug/l	100
64) Tetrachloroethene	10.645	164	329512	56.117	ug/l	99
65) Chlorobenzene	11.438	112	696384	49.095	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	245251	50.945	ug/l	98
67) Ethyl Benzene	11.517	91	1175709	48.165	ug/l	98
68) m/p-Xylenes	11.627	106	940089	98.607	ug/l	97
69) o-Xylene	11.956	106	443474	49.666	ug/l	98
70) Styrene	11.968	104	750262	51.379	ug/l	97
71) Bromoform	12.133	173	153413	54.526	ug/l #	98
73) Isopropylbenzene	12.255	105	1149046	46.141	ug/l	99
74) N-amyl acetate	12.072	43	225955	42.786	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	190987	44.916	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	170369m	50.031	ug/l	
77) Bromobenzene	12.529	156	285203	48.005	ug/l	94
78) n-propylbenzene	12.590	91	1361878	45.934	ug/l	97
79) 2-Chlorotoluene	12.675	91	777199	45.752	ug/l	97
80) 1,3,5-Trimethylbenzene	12.736	105	940909	46.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	62347	44.320	ug/l	98
82) 4-Chlorotoluene	12.773	91	800201	45.408	ug/l	98
83) tert-Butylbenzene	12.992	119	861917	47.417	ug/l	97
84) 1,2,4-Trimethylbenzene	13.041	105	935507	46.694	ug/l	98
85) sec-Butylbenzene	13.175	105	1244981	46.625	ug/l	99
86) p-Isopropyltoluene	13.291	119	1062988	47.959	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	565996	48.310	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	555404	47.789	ug/l	98
89) n-Butylbenzene	13.614	91	938392	46.097	ug/l	99
90) Hexachloroethane	13.876	117	220266	48.546	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	501758	48.833	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31319	47.307	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	296925	48.867	ug/l	99
94) Hexachlorobutadiene	15.023	225	176928	49.553	ug/l	99
95) Naphthalene	15.138	128	524228	50.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	261605	49.964	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
Data File : VY023276.D
Acq On : 03 Sep 2025 15:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/04/2025
Supervised By :Semsettin Yesilyurt 09/04/2025

Quant Time: Sep 04 01:18:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023276.D
 Acq On : 03 Sep 2025 15:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 04 01:18:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/04/2025
 Supervised By :Semsettin Yesilyurt 09/04/2025

