

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
 Data File : VY023585.D
 Acq On : 27 Oct 2025 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 04:34:42 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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	515413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	730664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	639546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	333946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	206149	47.831	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.660%		
35) Dibromofluoromethane	7.634	113	233124	51.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.860%		
50) Toluene-d8	10.109	98	852236	50.972	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.940%		
62) 4-Bromofluorobenzene	12.408	95	285676	51.753	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	167123	45.048	ug/l	98
3) Chloromethane	2.074	50	223012	44.127	ug/l	98
4) Vinyl Chloride	2.208	62	303976	46.179	ug/l	98
5) Bromomethane	2.598	94	248462	44.978	ug/l	100
6) Chloroethane	2.739	64	218610	48.721	ug/l	99
7) Trichlorofluoromethane	3.056	101	467493	51.149	ug/l	99
8) Diethyl Ether	3.458	74	120744	50.557	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	259135	54.638	ug/l	98
10) Methyl Iodide	4.007	142	305835	57.924	ug/l	99
11) Tert butyl alcohol	4.854	59	86478	269.708	ug/l	100
12) 1,1-Dichloroethene	3.793	96	241499	52.527	ug/l	99
13) Acrolein	3.653	56	26613	58.740	ug/l	95
14) Allyl chloride	4.391	41	286996	51.220	ug/l	97
15) Acrylonitrile	5.061	53	246190	269.361	ug/l	100
16) Acetone	3.866	43	290603	283.221	ug/l	97
17) Carbon Disulfide	4.110	76	633327	48.129	ug/l	100
18) Methyl Acetate	4.385	43	163000	60.559	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	597929	54.111	ug/l	96
20) Methylene Chloride	4.616	84	262887	47.381	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	273508	54.033	ug/l	97
22) Diisopropyl ether	6.018	45	674214	54.398	ug/l	98
23) Vinyl Acetate	5.964	43	1734721	258.580	ug/l	98
24) 1,1-Dichloroethane	5.915	63	442464	53.894	ug/l	100
25) 2-Butanone	6.896	43	333066	265.886	ug/l	100
26) 2,2-Dichloropropane	6.890	77	418737	55.584	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	323783	55.376	ug/l	97
28) Bromochloromethane	7.250	49	139790	45.610	ug/l	99
29) Tetrahydrofuran	7.262	42	186366	262.359	ug/l	98
30) Chloroform	7.421	83	502743	55.735	ug/l	97
31) Cyclohexane	7.707	56	355876	49.636	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	455150	55.525	ug/l	99
36) 1,1-Dichloropropene	7.835	75	338063	56.877	ug/l	100
37) Ethyl Acetate	6.988	43	124534	52.886	ug/l	98
38) Carbon Tetrachloride	7.817	117	416383	57.774	ug/l	100
39) Methylcyclohexane	9.109	83	437177	56.491	ug/l	98
40) Benzene	8.079	78	1066732	56.671	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
 Data File : VY023585.D
 Acq On : 27 Oct 2025 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 04:34:42 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	63373	49.761	ug/l	89
42) 1,2-Dichloroethane	8.158	62	267189	55.039	ug/l	99
43) Isopropyl Acetate	8.201	43	246759	52.553	ug/l	99
44) Trichloroethene	8.866	130	317556	57.639	ug/l	99
45) 1,2-Dichloropropane	9.140	63	234660	56.441	ug/l	98
46) Dibromomethane	9.231	93	149232	56.764	ug/l	99
47) Bromodichloromethane	9.426	83	380376	57.448	ug/l	99
48) Methyl methacrylate	9.219	41	120608	54.676	ug/l	96
49) 1,4-Dioxane	9.225	88	33318	1093.067	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	693430	285.838	ug/l	100
52) Toluene	10.170	92	714574	58.468	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	326502	56.711	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	384084	56.525	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	205670	58.176	ug/l	96
56) Ethyl methacrylate	10.438	69	235051	57.638	ug/l	98
57) 1,3-Dichloropropane	10.719	76	319002	56.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	488651	267.481	ug/l	100
59) 2-Hexanone	10.762	43	501068	289.017	ug/l	99
60) Dibromochloromethane	10.914	129	284770	57.453	ug/l	100
61) 1,2-Dibromoethane	11.018	107	192658	57.141	ug/l	100
64) Tetrachloroethene	10.646	164	392401	59.423	ug/l	98
65) Chlorobenzene	11.444	112	794901	57.147	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	287579	58.017	ug/l	99
67) Ethyl Benzene	11.517	91	1328243	58.992	ug/l	100
68) m/p-Xylenes	11.627	106	1062203	117.617	ug/l	98
69) o-Xylene	11.956	106	504058	59.505	ug/l	99
70) Styrene	11.969	104	829248	59.530	ug/l	100
71) Bromoform	12.133	173	178286	57.985	ug/l #	99
73) Isopropylbenzene	12.255	105	1321102	60.030	ug/l	100
74) N-amyl acetate	12.072	43	210224	53.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	201683	56.031	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	155622m	52.820	ug/l	
77) Bromobenzene	12.529	156	334432	57.161	ug/l	100
78) n-propylbenzene	12.597	91	1543490	60.607	ug/l	100
79) 2-Chlorotoluene	12.682	91	871548	58.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1066337	59.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	68757	57.226	ug/l	99
82) 4-Chlorotoluene	12.779	91	898808	58.520	ug/l	99
83) tert-Butylbenzene	12.999	119	990494	60.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1070654	60.325	ug/l	99
85) sec-Butylbenzene	13.176	105	1431373	60.770	ug/l	100
86) p-Isopropyltoluene	13.292	119	1221223	60.896	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	654869	57.479	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	633908	56.336	ug/l	99
89) n-Butylbenzene	13.615	91	1066244	61.019	ug/l	100
90) Hexachloroethane	13.877	117	247243	57.321	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	571194	57.184	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31912	54.033	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	356700	57.281	ug/l	100
94) Hexachlorobutadiene	15.023	225	230157	59.292	ug/l	99
95) Naphthalene	15.145	128	566665	57.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	309519	57.384	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
Data File : VY023585.D
Acq On : 27 Oct 2025 09:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 04:34:42 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

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

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

