

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023670.D
 Acq On : 04 Nov 2025 13:14
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Quant Time: Nov 05 04:49:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	593648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	873933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	758488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	383578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	237072	46.816	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.640%		
35) Dibromofluoromethane	7.640	113	263418	48.232	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.460%		
50) Toluene-d8	10.109	98	1004651	49.382	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.408	95	323983	49.243	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	83624	21.459	ug/l	99
3) Chloromethane	2.074	50	112095	20.556	ug/l	98
4) Vinyl Chloride	2.208	62	142529	20.086	ug/l	97
5) Bromomethane	2.592	94	125019	20.945	ug/l	98
6) Chloroethane	2.739	64	96041	19.583	ug/l	98
7) Trichlorofluoromethane	3.062	101	203780	20.391	ug/l	98
8) Diethyl Ether	3.458	74	52376	19.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	110180	20.010	ug/l	99
10) Methyl Iodide	4.007	142	107283	16.500	ug/l	99
11) Tert butyl alcohol	4.854	59	30078	92.116	ug/l	99
12) 1,1-Dichloroethene	3.793	96	103530	19.519	ug/l	98
13) Acrolein	3.653	56	45087	107.431	ug/l	97
14) Allyl chloride	4.385	41	125070	19.373	ug/l	99
15) Acrylonitrile	5.061	53	98681	96.352	ug/l	98
16) Acetone	3.873	43	128268	101.903	ug/l	96
17) Carbon Disulfide	4.110	76	322205	19.792	ug/l	100
18) Methyl Acetate	4.385	43	47857	17.237	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	240724	19.573	ug/l	99
20) Methylene Chloride	4.616	84	115777	19.053	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	116770	19.525	ug/l	96
22) Diisopropyl ether	6.025	45	284392	19.769	ug/l	98
23) Vinyl Acetate	5.964	43	768849	100.153	ug/l	98
24) 1,1-Dichloroethane	5.921	63	184974	19.301	ug/l	99
25) 2-Butanone	6.897	43	144767	99.474	ug/l	100
26) 2,2-Dichloropropane	6.884	77	170642	19.357	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	130357	19.085	ug/l	100
28) Bromochloromethane	7.250	49	70189	19.128	ug/l	99
29) Tetrahydrofuran	7.262	42	74792	96.499	ug/l	96
30) Chloroform	7.421	83	204195	19.097	ug/l	97
31) Cyclohexane	7.707	56	169389	20.296	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	185530	19.414	ug/l	100
36) 1,1-Dichloropropene	7.835	75	143378	19.646	ug/l	100
37) Ethyl Acetate	6.988	43	55303	19.575	ug/l	98
38) Carbon Tetrachloride	7.823	117	171122	19.901	ug/l	98
39) Methylcyclohexane	9.110	83	190946	20.477	ug/l	100
40) Benzene	8.085	78	449040	19.520	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023670.D
 Acq On : 04 Nov 2025 13:14
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Quant Time: Nov 05 04:49:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	31292m	20.291	ug/l	
42) 1,2-Dichloroethane	8.158	62	110974	19.068	ug/l	98
43) Isopropyl Acetate	8.201	43	102289	19.270	ug/l	99
44) Trichloroethene	8.866	130	127516	19.300	ug/l	98
45) 1,2-Dichloropropane	9.146	63	97798	19.263	ug/l	99
46) Dibromomethane	9.231	93	60607	19.267	ug/l	99
47) Bromodichloromethane	9.427	83	153399	19.342	ug/l	98
48) Methyl methacrylate	9.225	41	49701	19.817	ug/l	99
49) 1,4-Dioxane	9.231	88	11947	371.108	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	274212	97.136	ug/l	100
52) Toluene	10.170	92	293532	19.987	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	128502	19.149	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	155402	19.328	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	80688	19.194	ug/l	97
56) Ethyl methacrylate	10.439	69	88601	19.129	ug/l	98
57) 1,3-Dichloropropane	10.719	76	129496	19.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	204973	96.438	ug/l	100
59) 2-Hexanone	10.762	43	207793	100.892	ug/l	99
60) Dibromochloromethane	10.914	129	111120	19.238	ug/l	100
61) 1,2-Dibromoethane	11.018	107	75186	19.057	ug/l	100
64) Tetrachloroethene	10.646	164	153540	19.449	ug/l	98
65) Chlorobenzene	11.444	112	319039	19.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	109826	18.809	ug/l	97
67) Ethyl Benzene	11.518	91	524762	19.636	ug/l	98
68) m/p-Xylenes	11.627	106	428750	40.155	ug/l	99
69) o-Xylene	11.957	106	193529	19.608	ug/l	98
70) Styrene	11.969	104	320977	19.710	ug/l	99
71) Bromoform	12.133	173	65569	19.228	ug/l #	100
73) Isopropylbenzene	12.255	105	516071	20.116	ug/l	100
74) N-amyl acetate	12.072	43	82034	18.887	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	80064	19.541	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62320m	20.075	ug/l	
77) Bromobenzene	12.536	156	129556	19.469	ug/l	97
78) n-propylbenzene	12.597	91	611977	20.280	ug/l	100
79) 2-Chlorotoluene	12.682	91	345277	19.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	423747	20.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25523	18.581	ug/l	96
82) 4-Chlorotoluene	12.780	91	361697	20.029	ug/l	99
83) tert-Butylbenzene	12.999	119	380475	20.042	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	418855	20.288	ug/l	100
85) sec-Butylbenzene	13.176	105	565167	20.640	ug/l	100
86) p-Isopropyltoluene	13.292	119	467864	20.184	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	255410	19.500	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	251614	19.557	ug/l	98
89) n-Butylbenzene	13.615	91	406474	20.166	ug/l	100
90) Hexachloroethane	13.877	117	97467	19.566	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	220087	19.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11798	18.701	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	126936	19.661	ug/l	99
94) Hexachlorobutadiene	15.023	225	83293	19.690	ug/l	99
95) Naphthalene	15.145	128	182533	19.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	107101	19.855	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023670.D
Acq On : 04 Nov 2025 13:14
Operator : SY/MD
Sample : VY1104SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:49:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

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

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

