

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023707.D
 Acq On : 07 Nov 2025 10:18
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Quant Time: Nov 08 03:27:34 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)

Internal Standards						
1) Pentafluorobenzene	7.713	168	538277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	803621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	703741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	353875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	237216	51.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.640	113	251589	50.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.109	98	970261	51.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.408	95	312508	51.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	82014	23.211	ug/l	98
3) Chloromethane	2.074	50	109045	22.054	ug/l	98
4) Vinyl Chloride	2.208	62	134841	20.958	ug/l	100
5) Bromomethane	2.598	94	112081	20.709	ug/l	99
6) Chloroethane	2.739	64	93620	21.053	ug/l	99
7) Trichlorofluoromethane	3.062	101	194698	21.486	ug/l	99
8) Diethyl Ether	3.458	74	51106	21.031	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	108996	21.832	ug/l	99
10) Methyl Iodide	4.013	142	119018	20.188	ug/l	98
11) Tert butyl alcohol	4.860	59	33537	113.275	ug/l	99
12) 1,1-Dichloroethene	3.793	96	104465	21.721	ug/l	98
13) Acrolein	3.659	56	40756	107.101	ug/l	100
14) Allyl chloride	4.391	41	129596	22.139	ug/l	95
15) Acrylonitrile	5.061	53	101514	109.314	ug/l	99
16) Acetone	3.873	43	133697	117.142	ug/l	99
17) Carbon Disulfide	4.110	76	324931	22.013	ug/l	100
18) Methyl Acetate	4.391	43	42890	17.037	ug/l	99
19) Methyl tert-butyl Ether	5.129	73	233452	20.934	ug/l	99
20) Methylene Chloride	4.616	84	116924	21.221	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	116046	21.400	ug/l	95
22) Diisopropyl ether	6.025	45	295235	22.634	ug/l	96
23) Vinyl Acetate	5.964	43	799036	114.792	ug/l	97
24) 1,1-Dichloroethane	5.921	63	189815	21.844	ug/l	98
25) 2-Butanone	6.896	43	150757	114.246	ug/l	97
26) 2,2-Dichloropropane	6.890	77	175904	22.007	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	131161	21.179	ug/l	98
28) Bromochloromethane	7.250	49	73915	22.215	ug/l	93
29) Tetrahydrofuran	7.262	42	74686	106.274	ug/l	97
30) Chloroform	7.427	83	207612	21.414	ug/l	97
31) Cyclohexane	7.707	56	166488	22.000	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	187320	21.617	ug/l	100
36) 1,1-Dichloropropene	7.841	75	146187	21.784	ug/l	98
37) Ethyl Acetate	6.994	43	58921	22.680	ug/l	99
38) Carbon Tetrachloride	7.817	117	170579	21.574	ug/l	98
39) Methylcyclohexane	9.110	83	182394	21.271	ug/l	94
40) Benzene	8.085	78	457463	21.626	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023707.D
 Acq On : 07 Nov 2025 10:18
 Operator : SY/MD
 Sample : VY1107SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD01

Quant Time: Nov 08 03:27:34 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)
41) Methacrylonitrile	7.220	41	27589	19.456	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	114070	21.315	ug/l	99
43) Isopropyl Acetate	8.201	43	103030	21.107	ug/l	97
44) Trichloroethene	8.866	130	125868	20.717	ug/l	96
45) 1,2-Dichloropropane	9.140	63	100444	21.515	ug/l	97
46) Dibromomethane	9.231	93	60638	20.963	ug/l	99
47) Bromodichloromethane	9.427	83	155475	21.318	ug/l	98
48) Methyl methacrylate	9.225	41	51080	22.149	ug/l	93
49) 1,4-Dioxane	9.231	88	12290	415.164	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	277428	106.873	ug/l	100
52) Toluene	10.170	92	292106	21.630	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	128929	20.893	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	156973	21.232	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	82692	21.391	ug/l	97
56) Ethyl methacrylate	10.439	69	88475	20.773	ug/l	99
57) 1,3-Dichloropropane	10.719	76	130399	21.267	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	197138	100.867	ug/l	97
59) 2-Hexanone	10.762	43	211898	111.886	ug/l	98
60) Dibromochloromethane	10.914	129	111475	20.988	ug/l	99
61) 1,2-Dibromoethane	11.018	107	76226	21.011	ug/l	99
64) Tetrachloroethene	10.646	164	148250	20.239	ug/l	97
65) Chlorobenzene	11.444	112	321132	20.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	111933	20.662	ug/l	99
67) Ethyl Benzene	11.518	91	526077	21.217	ug/l	98
68) m/p-Xylenes	11.627	106	424423	42.842	ug/l	98
69) o-Xylene	11.957	106	189750	20.720	ug/l	95
70) Styrene	11.969	104	321578	21.283	ug/l	99
71) Bromoform	12.133	173	65930	20.838	ug/l #	100
73) Isopropylbenzene	12.255	105	500632	21.152	ug/l	99
74) N-amyl acetate	12.072	43	83912	20.941	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	83190	22.008	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61573m	21.499	ug/l	
77) Bromobenzene	12.530	156	127430	20.757	ug/l	94
78) n-propylbenzene	12.597	91	609982	21.911	ug/l	99
79) 2-Chlorotoluene	12.676	91	351967	21.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	418312	21.753	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27041	21.338	ug/l	98
82) 4-Chlorotoluene	12.780	91	364021	21.849	ug/l	99
83) tert-Butylbenzene	12.999	119	370102	21.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	416019	21.842	ug/l	99
85) sec-Butylbenzene	13.176	105	548978	21.732	ug/l	100
86) p-Isopropyltoluene	13.292	119	457067	21.373	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	253160	20.951	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	250158	21.076	ug/l	99
89) n-Butylbenzene	13.615	91	397854	21.395	ug/l	99
90) Hexachloroethane	13.877	117	97229	21.157	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	218705	21.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12509	21.493	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	120246	20.188	ug/l	100
94) Hexachlorobutadiene	15.023	225	78523	20.121	ug/l	99
95) Naphthalene	15.145	128	176239	20.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	102716	20.640	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
Data File : VY023707.D
Acq On : 07 Nov 2025 10:18
Operator : SY/MD
Sample : VY1107SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

Quant Time: Nov 08 03:27:34 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

Quant Time: Nov 08 03:27:34 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

