

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022669.D
 Acq On : 12 Jun 2025 13:08
 Operator : SY/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

06/13/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jun 13 05:39:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	161705	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	274346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	231810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	107745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	85775	47.427	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.628	113	82160	50.174	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.103	98	324380	49.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.402	95	91868	46.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	29101	20.101	ug/l	98
3) Chloromethane	2.062	50	80387	18.795	ug/l	99
4) Vinyl Chloride	2.196	62	123062	24.803	ug/l	100
5) Bromomethane	2.580	94	109497	23.025	ug/l	98
6) Chloroethane	2.720	64	88870	26.095	ug/l	99
7) Trichlorofluoromethane	3.037	101	120971	28.720	ug/l	95
8) Diethyl Ether	3.446	74	19039	20.071	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.806	101	35746	20.150	ug/l	98
10) Methyl Iodide	3.995	142	34028	17.725	ug/l	99
11) Tert butyl alcohol	4.866	59	13732	106.305	ug/l #	94
12) 1,1-Dichloroethene	3.781	96	35347	20.845	ug/l	95
13) Acrolein	3.647	56	11904	73.945	ug/l	97
14) Allyl chloride	4.373	41	49023	18.415	ug/l	98
15) Acrylonitrile	5.061	53	40447	100.680	ug/l	99
16) Acetone	3.867	43	39644	107.935	ug/l	97
17) Carbon Disulfide	4.098	76	101674	18.728	ug/l	100
18) Methyl Acetate	4.379	43	20436	18.789	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	93883	19.656	ug/l	98
20) Methylene Chloride	4.610	84	44056	21.116	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	38733	20.409	ug/l	93
22) Diisopropyl ether	6.013	45	116894	19.727	ug/l	99
23) Vinyl Acetate	5.952	43	336775	96.024	ug/l	98
24) 1,1-Dichloroethane	5.909	63	72215	20.687	ug/l	99
25) 2-Butanone	6.890	43	54000	101.924	ug/l	93
26) 2,2-Dichloropropane	6.878	77	60412	19.587	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	45357	20.677	ug/l	99
28) Bromochloromethane	7.238	49	30426	19.995	ug/l	99
29) Tetrahydrofuran	7.262	42	34375	100.598	ug/l	97
30) Chloroform	7.415	83	72029	20.832	ug/l	96
31) Cyclohexane	7.695	56	64075	18.437	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	63892	20.816	ug/l	99
36) 1,1-Dichloropropene	7.829	75	53208	20.020	ug/l	99
37) Ethyl Acetate	6.982	43	24139	20.367	ug/l	98
38) Carbon Tetrachloride	7.811	117	53907	19.772	ug/l	98
39) Methylcyclohexane	9.103	83	66361	18.580	ug/l	96
40) Benzene	8.073	78	159117	20.270	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022669.D
 Acq On : 12 Jun 2025 13:08
 Operator : SY/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

06/13/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jun 13 05:39:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	16446m	23.756	ug/l	
42) 1,2-Dichloroethane	8.152	62	43565	20.326	ug/l	100
43) Isopropyl Acetate	8.195	43	50229	19.623	ug/l	98
44) Trichloroethene	8.860	130	40733	21.232	ug/l	99
45) 1,2-Dichloropropane	9.134	63	37092	19.994	ug/l	99
46) Dibromomethane	9.231	93	20896	20.021	ug/l	96
47) Bromodichloromethane	9.420	83	53876	20.358	ug/l	99
48) Methyl methacrylate	9.219	41	21556	17.943	ug/l	92
49) 1,4-Dioxane	9.225	88	4974	402.278	ug/l	95
51) 4-Methyl-2-Pentanone	9.994	43	125186	98.094	ug/l	96
52) Toluene	10.170	92	97942	19.854	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	49292	19.879	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	58245	20.179	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	27897	20.962	ug/l	94
56) Ethyl methacrylate	10.432	69	37627	19.562	ug/l	98
57) 1,3-Dichloropropane	10.713	76	47758	20.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	89506	102.491	ug/l	100
59) 2-Hexanone	10.756	43	84357	98.836	ug/l	97
60) Dibromochloromethane	10.908	129	34798	20.575	ug/l	98
61) 1,2-Dibromoethane	11.012	107	25150	20.734	ug/l	96
64) Tetrachloroethene	10.646	164	47325	23.733	ug/l	99
65) Chlorobenzene	11.438	112	106915	20.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	34700	20.080	ug/l	97
67) Ethyl Benzene	11.518	91	188804	19.844	ug/l	99
68) m/p-Xylenes	11.627	106	141719	39.292	ug/l	100
69) o-Xylene	11.950	106	67869	20.070	ug/l	97
70) Styrene	11.963	104	110329	19.738	ug/l	98
71) Bromoform	12.127	173	18181	19.771	ug/l #	95
73) Isopropylbenzene	12.249	105	175482	19.838	ug/l	100
74) N-amyl acetate	12.066	43	43285	19.393	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	27219	18.748	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	23904m	19.392	ug/l	
77) Bromobenzene	12.530	156	38602	20.679	ug/l	97
78) n-propylbenzene	12.591	91	216849	20.071	ug/l	99
79) 2-Chlorotoluene	12.676	91	113432	19.809	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	138986	20.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	9785	19.170	ug/l	93
82) 4-Chlorotoluene	12.774	91	113279	19.176	ug/l	96
83) tert-Butylbenzene	12.993	119	125334	20.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	138715	19.971	ug/l	100
85) sec-Butylbenzene	13.170	105	191245	20.034	ug/l	100
86) p-Isopropyltoluene	13.286	119	155107	19.712	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	77461	20.481	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	75964	20.708	ug/l	99
89) n-Butylbenzene	13.615	91	150484	20.157	ug/l	99
90) Hexachloroethane	13.877	117	30842	20.133	ug/l	100
91) 1,2-Dichlorobenzene	13.658	146	67039	20.877	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4550	21.525	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	39224	22.397	ug/l	96
94) Hexachlorobutadiene	15.017	225	20993	21.718	ug/l	98
95) Naphthalene	15.139	128	72744	21.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	33677	22.438	ug/l	97

06/13/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
Data File : VY022669.D
Acq On : 12 Jun 2025 13:08
Operator : SY/MD
Sample : VY0612SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 13 05:39:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

06/13/2025
Supervised By :Semsettin
Yesilyurt

06/13/2025

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\VY061225\
 Data File : VY022669.D
 Acq On : 12 Jun 2025 13:08
 Operator : SY/MD
 Sample : VY0612SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

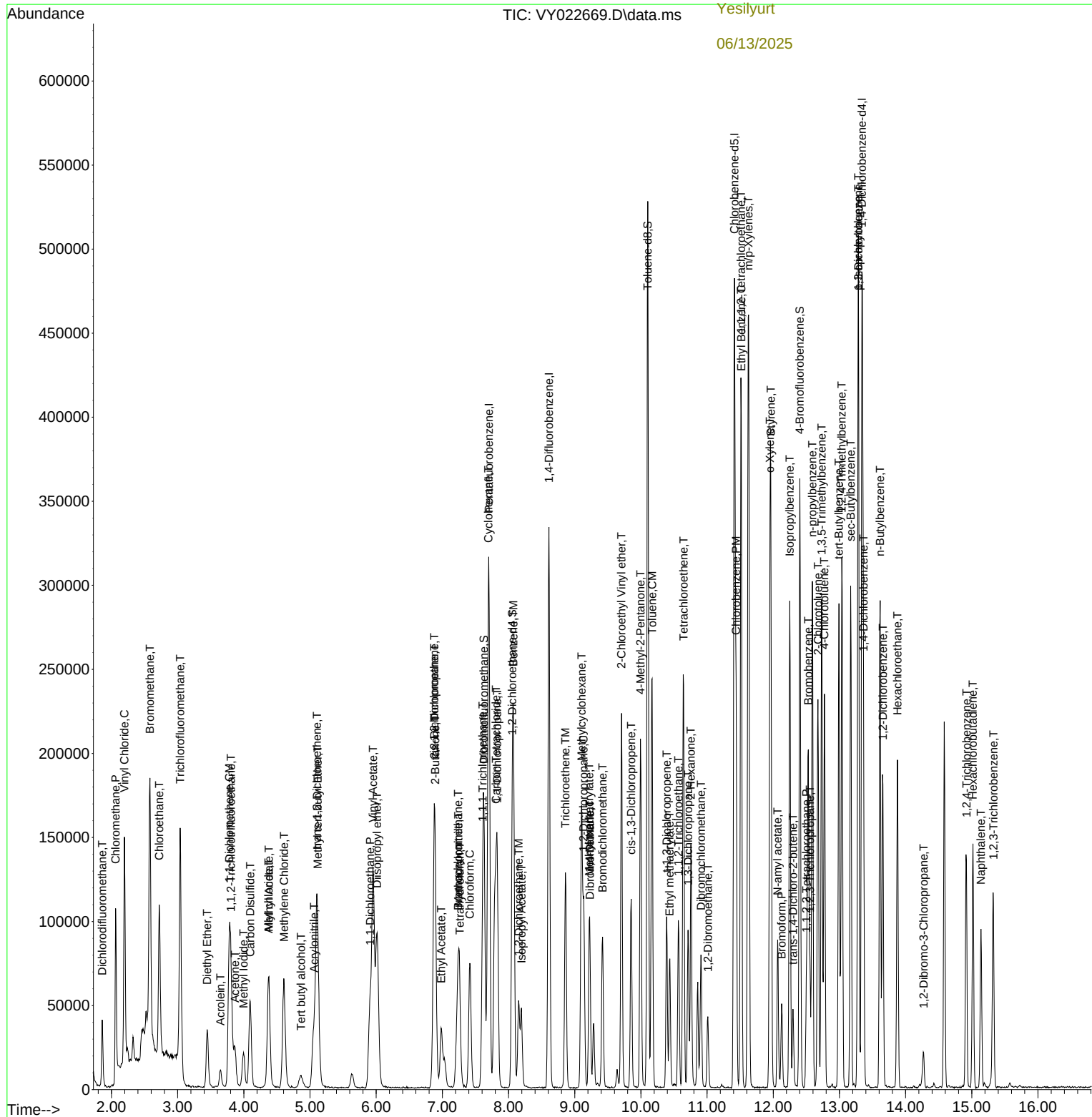
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBSD01

Quant Time: Jun 13 05:39:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

06/13/2025
 Supervised By :Semsettin
 Yesilyurt



06/13/2025