

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022664.D
 Acq On : 11 Jun 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 05:08:44 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	7.707	168	174652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	290386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	118360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88159	45.131	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.260%		
35) Dibromofluoromethane	7.634	113	85825	49.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.040%		
50) Toluene-d8	10.103	98	355393	50.745	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.402	95	104426	50.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	67134	42.934	ug/l	97
3) Chloromethane	2.062	50	187281	40.542	ug/l	100
4) Vinyl Chloride	2.196	62	296607	55.348	ug/l	99
5) Bromomethane	2.586	94	219808	42.795	ug/l	95
6) Chloroethane	2.726	64	208143	56.588	ug/l	94
7) Trichlorofluoromethane	3.043	101	261037	57.379	ug/l	99
8) Diethyl Ether	3.452	74	45960	44.860	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.806	101	90977	47.481	ug/l	98
10) Methyl Iodide	4.001	142	105757	51.004	ug/l	99
11) Tert butyl alcohol	4.854	59	31805	227.964	ug/l	98
12) 1,1-Dichloroethene	3.781	96	91369	49.887	ug/l	95
13) Acrolein	3.641	56	17121	98.468	ug/l	99
14) Allyl chloride	4.379	41	126821	44.108	ug/l	97
15) Acrylonitrile	5.055	53	95190	219.381	ug/l	100
16) Acetone	3.860	43	88582	223.295	ug/l	96
17) Carbon Disulfide	4.098	76	265351	45.254	ug/l	96
18) Methyl Acetate	4.379	43	53148	45.242	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	239071	46.344	ug/l	99
20) Methylene Chloride	4.604	84	101284	44.947	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	99475	48.528	ug/l	94
22) Diisopropyl ether	6.012	45	290531	45.396	ug/l	99
23) Vinyl Acetate	5.958	43	797575	210.554	ug/l	97
24) 1,1-Dichloroethane	5.909	63	185766	49.271	ug/l	100
25) 2-Butanone	6.890	43	125095	218.612	ug/l	97
26) 2,2-Dichloropropane	6.884	77	167558	50.298	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	119480	50.429	ug/l	98
28) Bromochloromethane	7.244	49	73335	44.621	ug/l	94
29) Tetrahydrofuran	7.256	42	77840	210.910	ug/l	96
30) Chloroform	7.415	83	187597	50.234	ug/l	97
31) Cyclohexane	7.695	56	159823	42.579	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	166517	50.229	ug/l	98
36) 1,1-Dichloropropene	7.829	75	140868	50.076	ug/l	99
37) Ethyl Acetate	6.982	43	54334	43.311	ug/l	98
38) Carbon Tetrachloride	7.817	117	145468	50.408	ug/l	99
39) Methylcyclohexane	9.109	83	177444	46.938	ug/l	96
40) Benzene	8.079	78	426686	51.354	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022664.D
 Acq On : 11 Jun 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 05:08:44 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	7.220	41	30257m	41.292	ug/l	
42) 1,2-Dichloroethane	8.152	62	104573	46.095	ug/l	98
43) Isopropyl Acetate	8.195	43	120039	44.305	ug/l	99
44) Trichloroethene	8.860	130	110843	54.584	ug/l	99
45) 1,2-Dichloropropane	9.140	63	98541	50.184	ug/l	98
46) Dibromomethane	9.225	93	54106	48.978	ug/l	99
47) Bromodichloromethane	9.420	83	137944	49.246	ug/l	96
48) Methyl methacrylate	9.219	41	52779	41.507	ug/l	90
49) 1,4-Dioxane	9.225	88	12179	930.584	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	301886	223.486	ug/l	96
52) Toluene	10.170	92	266417	51.024	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	125291	47.738	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	151585	49.616	ug/l	94
55) 1,1,2-Trichloroethane	10.567	97	67097	47.632	ug/l	95
56) Ethyl methacrylate	10.438	69	97246	47.764	ug/l	97
57) 1,3-Dichloropropane	10.713	76	120065	48.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	229595	248.382	ug/l	99
59) 2-Hexanone	10.756	43	202877	224.569	ug/l	96
60) Dibromochloromethane	10.908	129	86194	48.149	ug/l	99
61) 1,2-Dibromoethane	11.012	107	62168	48.421	ug/l	95
64) Tetrachloroethene	10.646	164	134865	63.928	ug/l	96
65) Chlorobenzene	11.438	112	282144	51.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	93342	51.056	ug/l	99
67) Ethyl Benzene	11.518	91	517369	51.398	ug/l	100
68) m/p-Xylenes	11.627	106	398753	104.498	ug/l	98
69) o-Xylene	11.950	106	189238	52.894	ug/l	97
70) Styrene	11.963	104	310024	52.424	ug/l	98
71) Bromoform	12.127	173	47022	48.333	ug/l #	100
73) Isopropylbenzene	12.249	105	487911	50.210	ug/l	99
74) N-amyl acetate	12.066	43	108716	44.340	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	61263	38.413	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	60266m	44.507	ug/l	
77) Bromobenzene	12.530	156	102552	50.011	ug/l	94
78) n-propylbenzene	12.591	91	591928	49.873	ug/l	98
79) 2-Chlorotoluene	12.676	91	309843	49.256	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	381869	50.055	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	23152	41.290	ug/l	98
82) 4-Chlorotoluene	12.773	91	314019	48.391	ug/l	97
83) tert-Butylbenzene	12.993	119	351878	51.390	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	379800	49.775	ug/l	99
85) sec-Butylbenzene	13.170	105	527233	50.277	ug/l	99
86) p-Isopropyltoluene	13.286	119	441582	51.086	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	210101	50.570	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	197667	49.053	ug/l	99
89) n-Butylbenzene	13.615	91	414934	50.596	ug/l	99
90) Hexachloroethane	13.877	117	85386	50.740	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	174803	49.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10482	45.142	ug/l	94
93) 1,2,4-Trichlorobenzene	14.913	180	98333	51.112	ug/l	97
94) Hexachlorobutadiene	15.017	225	53797	50.664	ug/l	96
95) Naphthalene	15.139	128	214460	58.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	79920	48.472	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
Data File : VY022664.D
Acq On : 11 Jun 2025 15:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 05:08:44 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)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022664.D
 Acq On : 11 Jun 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 12 05:08:44 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 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025

