

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022728.D
 Acq On : 18 Jun 2025 09:45
 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 : Semsettin Yesilyurt 06/21/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 03:56:00 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	7.713	168	135921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	226510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	193857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81688	53.735	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.480%			
35) Dibromofluoromethane	7.640	113	74921	55.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.840%			
50) Toluene-d8	10.109	98	295791	54.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.300%			
62) 4-Bromofluorobenzene	12.407	95	86032	52.856	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	53785	44.198	ug/l	99
3) Chloromethane	2.074	50	158866	44.191	ug/l	99
4) Vinyl Chloride	2.208	62	223678	53.633	ug/l	98
5) Bromomethane	2.598	94	181702	45.456	ug/l	98
6) Chloroethane	2.738	64	164062	57.313	ug/l	92
7) Trichlorofluoromethane	3.055	101	195094	55.104	ug/l	99
8) Diethyl Ether	3.458	74	40575	50.889	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.823	101	78976	52.963	ug/l	99
10) Methyl Iodide	4.006	142	84590	52.420	ug/l	99
11) Tert butyl alcohol	4.878	59	26289	242.121	ug/l #	93
12) 1,1-Dichloroethene	3.793	96	75130	52.710	ug/l	96
13) Acrolein	3.665	56	9943	73.480	ug/l	99
14) Allyl chloride	4.384	41	110664	49.456	ug/l	99
15) Acrylonitrile	5.067	53	90568	268.206	ug/l	99
16) Acetone	3.872	43	77301	250.383	ug/l	96
17) Carbon Disulfide	4.110	76	220295	48.275	ug/l	96
18) Methyl Acetate	4.390	43	48607	53.167	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	208096	51.834	ug/l	94
20) Methylene Chloride	4.622	84	88460	50.442	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	84061	52.694	ug/l	93
22) Diisopropyl ether	6.024	45	264265	53.058	ug/l	98
23) Vinyl Acetate	5.963	43	755808	256.384	ug/l	100
24) 1,1-Dichloroethane	5.921	63	162282	55.307	ug/l	100
25) 2-Butanone	6.902	43	115813	260.063	ug/l	100
26) 2,2-Dichloropropane	6.896	77	138740	53.515	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	98848	53.609	ug/l	97
28) Bromochloromethane	7.256	49	70488	55.110	ug/l	99
29) Tetrahydrofuran	7.268	42	74443	259.183	ug/l	100
30) Chloroform	7.426	83	162871	56.040	ug/l	99
31) Cyclohexane	7.707	56	136464	46.716	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	141806	54.964	ug/l	99
36) 1,1-Dichloropropene	7.841	75	117891	53.726	ug/l	100
37) Ethyl Acetate	6.994	43	53700	54.877	ug/l	98
38) Carbon Tetrachloride	7.823	117	125094	55.572	ug/l	97
39) Methylcyclohexane	9.115	83	150368	50.993	ug/l	100
40) Benzene	8.085	78	357797	55.207	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022728.D
 Acq On : 18 Jun 2025 09:45
 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 : Semsettin Yesilyurt 06/21/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 03:56:00 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	7.231	41	30089	52.642	ug/l #	87
42) 1,2-Dichloroethane	8.164	62	97762	55.245	ug/l	100
43) Isopropyl Acetate	8.201	43	109011	51.581	ug/l	98
44) Trichloroethene	8.871	130	87559	55.278	ug/l	93
45) 1,2-Dichloropropane	9.146	63	87107	56.870	ug/l	98
46) Dibromomethane	9.237	93	48062	55.775	ug/l	98
47) Bromodichloromethane	9.426	83	125900	57.621	ug/l	98
48) Methyl methacrylate	9.225	41	49299	49.703	ug/l	93
49) 1,4-Dioxane	9.231	88	10832	1061.062	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	286450	271.860	ug/l	98
52) Toluene	10.176	92	225134	55.277	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	110567	54.008	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	131195	55.052	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	61635	56.094	ug/l	96
56) Ethyl methacrylate	10.438	69	85150	53.617	ug/l	100
57) 1,3-Dichloropropane	10.719	76	109135	56.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	210217	291.550	ug/l	99
59) 2-Hexanone	10.761	43	188707	267.790	ug/l	100
60) Dibromochloromethane	10.914	129	78508	56.223	ug/l	99
61) 1,2-Dibromoethane	11.017	107	55466	55.384	ug/l	96
64) Tetrachloroethene	10.652	164	105011	62.972	ug/l	99
65) Chlorobenzene	11.444	112	236407	55.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	81417	56.339	ug/l	99
67) Ethyl Benzene	11.517	91	439522	55.240	ug/l	99
68) m/p-Xylenes	11.627	106	333875	110.691	ug/l	100
69) o-Xylene	11.956	106	155556	55.006	ug/l	100
70) Styrene	11.968	104	260833	55.798	ug/l	98
71) Bromoform	12.133	173	42844	55.713	ug/l #	99
73) Isopropylbenzene	12.255	105	406284	53.997	ug/l	99
74) N-amyl acetate	12.072	43	97895	51.565	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	63119	51.113	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	51823m	49.428	ug/l	
77) Bromobenzene	12.529	156	86375	54.400	ug/l	99
78) n-propylbenzene	12.596	91	502617	54.692	ug/l	99
79) 2-Chlorotoluene	12.682	91	260215	53.425	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	322695	54.628	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	22216	51.170	ug/l	97
82) 4-Chlorotoluene	12.779	91	270288	53.793	ug/l	98
83) tert-Butylbenzene	12.999	119	286658	54.069	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	317151	53.681	ug/l	99
85) sec-Butylbenzene	13.175	105	444720	54.770	ug/l	99
86) p-Isopropyltoluene	13.291	119	371423	55.494	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	177299	55.114	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	169244	54.242	ug/l	99
89) n-Butylbenzene	13.614	91	352422	55.499	ug/l	99
90) Hexachloroethane	13.877	117	70555	54.148	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	152474	55.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10305	57.316	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	79712	53.511	ug/l	98
94) Hexachlorobutadiene	15.023	225	44274	53.849	ug/l	98
95) Naphthalene	15.145	128	149299	52.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	67896	53.183	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022728.D
Acq On : 18 Jun 2025 09:45
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 :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 03:56:00 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

