

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020977.D
 Acq On : 30 Jan 2025 10:21
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 02:02:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 01:50:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	225518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	327865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	289172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	142804	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	197458	102.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 205.680%#	
35) Dibromofluoromethane	7.640	113	204004	103.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 207.000%#	
50) Toluene-d8	10.109	98	802386	104.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 208.600%#	
62) 4-Bromofluorobenzene	12.407	95	277189	107.376	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 214.760%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	205662	107.251	ug/l	100
3) Chloromethane	2.074	50	127191	104.330	ug/l	99
4) Vinyl Chloride	2.208	62	136880	108.894	ug/l	99
5) Bromomethane	2.598	94	87913	103.313	ug/l	98
6) Chloroethane	2.738	64	77962	106.175	ug/l	96
7) Trichlorofluoromethane	3.068	101	314312	103.615	ug/l	99
8) Diethyl Ether	3.458	74	101093	111.631	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	211634	103.609	ug/l	99
10) Methyl Iodide	4.013	142	263102	112.560	ug/l	99
11) Tert butyl alcohol	4.866	59	65413	466.372	ug/l	100
12) 1,1-Dichloroethene	3.793	96	202532	106.099	ug/l	99
13) Acrolein	3.653	56	84534	523.376	ug/l	100
14) Allyl chloride	4.391	41	282003	107.309	ug/l	100
15) Acrylonitrile	5.067	53	207975	558.318	ug/l	99
16) Acetone	3.872	43	138541	529.389	ug/l	98
17) Carbon Disulfide	4.116	76	622089	105.811	ug/l	100
18) Methyl Acetate	4.391	43	101987	111.372	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	496715	111.796	ug/l	99
20) Methylene Chloride	4.622	84	197945	102.554	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	219894	107.443	ug/l	97
22) Diisopropyl ether	6.024	45	568540	106.135	ug/l	99
23) Vinyl Acetate	5.969	43	1636490	551.657	ug/l	99
24) 1,1-Dichloroethane	5.921	63	362876	105.005	ug/l	98
25) 2-Butanone	6.896	43	243396	548.239	ug/l	100
26) 2,2-Dichloropropane	6.890	77	347576	102.154	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	254177	108.049	ug/l	98
28) Bromochloromethane	7.250	49	136160	105.753	ug/l	97
29) Tetrahydrofuran	7.268	42	167806	561.702	ug/l	99
30) Chloroform	7.427	83	392664	104.907	ug/l	97
31) Cyclohexane	7.707	56	334438	99.009	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	380912	105.154	ug/l	99
36) 1,1-Dichloropropene	7.841	75	293389	104.337	ug/l	99
37) Ethyl Acetate	6.988	43	117694	112.268	ug/l	99
38) Carbon Tetrachloride	7.823	117	367500	105.611	ug/l	98
39) Methylcyclohexane	9.109	83	413627	109.498	ug/l	98
40) Benzene	8.085	78	871304	105.307	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020977.D
 Acq On : 30 Jan 2025 10:21
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 31 02:02:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 01:50:40 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	62711	108.116	ug/l	94
42) 1,2-Dichloroethane	8.164	62	224489	106.984	ug/l	99
43) Isopropyl Acetate	8.201	43	238796	114.021	ug/l #	85
44) Trichloroethene	8.871	130	241821	105.920	ug/l	99
45) 1,2-Dichloropropane	9.146	63	197258	106.368	ug/l	97
46) Dibromomethane	9.237	93	117098	108.503	ug/l	100
47) Bromodichloromethane	9.426	83	305031	107.627	ug/l	96
48) Methyl methacrylate	9.225	41	116304	116.642	ug/l	99
49) 1,4-Dioxane	9.237	88	26230	2287.281	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	617137	573.467	ug/l	99
52) Toluene	10.176	92	581662	108.303	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	290133	113.125	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	337962	110.255	ug/l	99
55) 1,1,2-Trichloroethane	10.578	97	156586	109.102	ug/l	99
56) Ethyl methacrylate	10.444	69	227284	121.152	ug/l	99
57) 1,3-Dichloropropane	10.719	76	266596	109.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	469366	589.466	ug/l	99
59) 2-Hexanone	10.761	43	417593	596.992	ug/l	100
60) Dibromochloromethane	10.914	129	224609	109.760	ug/l	99
61) 1,2-Dibromoethane	11.017	107	151495	110.512	ug/l	99
64) Tetrachloroethene	10.652	164	226320	103.754	ug/l	99
65) Chlorobenzene	11.444	112	644642	105.809	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	226535	104.766	ug/l	99
67) Ethyl Benzene	11.523	91	1134456	107.544	ug/l	99
68) m/p-Xylenes	11.633	106	866410	213.775	ug/l	100
69) o-Xylene	11.956	106	409836	108.777	ug/l	99
70) Styrene	11.975	104	683708	109.300	ug/l	99
71) Bromoform	12.133	173	139137	109.180	ug/l #	99
73) Isopropylbenzene	12.261	105	1102252	109.901	ug/l	100
74) N-amyl acetate	12.072	43	220481	120.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	176172	108.819	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	120612m	104.348	ug/l	
77) Bromobenzene	12.535	156	262253	110.289	ug/l	100
78) n-propylbenzene	12.596	91	1284069	109.241	ug/l	100
79) 2-Chlorotoluene	12.682	91	726560	108.489	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	891827	108.537	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	62779	115.277	ug/l	98
82) 4-Chlorotoluene	12.779	91	740355	108.015	ug/l	99
83) tert-Butylbenzene	12.999	119	845597	110.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	889146	110.777	ug/l	100
85) sec-Butylbenzene	13.182	105	1174063	108.818	ug/l	99
86) p-Isopropyltoluene	13.297	119	1005033	110.846	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	496111	107.003	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	490510	106.540	ug/l	99
89) n-Butylbenzene	13.621	91	911471	112.232	ug/l	99
90) Hexachloroethane	13.883	117	201343	109.764	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	434756	107.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	28812	115.597	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	298771	120.687	ug/l	99
94) Hexachlorobutadiene	15.029	225	191619	111.759	ug/l	100
95) Naphthalene	15.151	128	523016	105.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	256228	102.023	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
Data File : VY020977.D
Acq On : 30 Jan 2025 10:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 02:02:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 01:50:40 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\VY013025\
Data File : VY020977.D
Acq On : 30 Jan 2025 10:21
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2025
Supervised By : Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 02:02:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 01:50:40 2025
Response via : Initial Calibration

