

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021985.D
 Acq On : 23 Apr 2025 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 04/25/2025
 Supervised By : Semsettin Yesilyurt 04/25/2025

Quant Time: Apr 24 03:48:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	284899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	454673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	429705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	229172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133069	50.567	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.140%			
35) Dibromofluoromethane	7.634	113	144290	48.036	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.080%			
50) Toluene-d8	10.103	98	557471	49.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.402	95	193576	50.778	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	115985	47.777	ug/l	97
3) Chloromethane	2.062	50	182882	52.907	ug/l	100
4) Vinyl Chloride	2.202	62	219326	51.633	ug/l	99
5) Bromomethane	2.592	94	175843	48.050	ug/l	95
6) Chloroethane	2.733	64	152843	52.833	ug/l	99
7) Trichlorofluoromethane	3.050	101	284045	50.711	ug/l	97
8) Diethyl Ether	3.452	74	74898	51.374	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	144513	47.560	ug/l	99
10) Methyl Iodide	4.001	142	186743	53.082	ug/l	100
11) Tert butyl alcohol	4.873	59	39152	271.003	ug/l	97
12) 1,1-Dichloroethene	3.781	96	143373	50.622	ug/l	97
13) Acrolein	3.653	56	57554	221.962	ug/l	98
14) Allyl chloride	4.385	41	167931	50.922	ug/l	100
15) Acrylonitrile	5.055	53	138893	260.235	ug/l	99
16) Acetone	3.873	43	94783	277.523	ug/l	100
17) Carbon Disulfide	4.104	76	450172	49.851	ug/l	98
18) Methyl Acetate	4.385	43	80865	65.783	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	341909	53.937	ug/l	96
20) Methylene Chloride	4.610	84	158860	47.741	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	163660	51.597	ug/l	96
22) Diisopropyl ether	6.019	45	400944	54.633	ug/l	99
23) Vinyl Acetate	5.958	43	1032571	261.069	ug/l	100
24) 1,1-Dichloroethane	5.915	63	263225	51.745	ug/l	98
25) 2-Butanone	6.890	43	155909	259.912	ug/l	99
26) 2,2-Dichloropropane	6.884	77	206067	46.218	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	186828	52.678	ug/l	100
28) Bromochloromethane	7.244	49	103441	52.352	ug/l	99
29) Tetrahydrofuran	7.262	42	105200	270.025	ug/l	96
30) Chloroform	7.421	83	297216	52.674	ug/l	99
31) Cyclohexane	7.701	56	208095	47.836	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	257807	50.501	ug/l	100
36) 1,1-Dichloropropene	7.835	75	200034	49.576	ug/l	99
37) Ethyl Acetate	6.982	43	72211	49.830	ug/l	97
38) Carbon Tetrachloride	7.811	117	237551	49.270	ug/l	98
39) Methylcyclohexane	9.110	83	248208	48.882	ug/l	99
40) Benzene	8.079	78	646376	51.247	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021985.D
 Acq On : 23 Apr 2025 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025

Quant Time: Apr 24 03:48:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	44005	55.549	ug/l	95
42) 1,2-Dichloroethane	8.159	62	157737	50.511	ug/l	100
43) Isopropyl Acetate	8.195	43	142404	51.170	ug/l	99
44) Trichloroethene	8.866	130	174654	49.992	ug/l	99
45) 1,2-Dichloropropane	9.140	63	144478	51.797	ug/l	100
46) Dibromomethane	9.231	93	89884	51.478	ug/l	99
47) Bromodichloromethane	9.420	83	227511	52.158	ug/l	98
48) Methyl methacrylate	9.219	41	71382	55.485	ug/l	97
49) 1,4-Dioxane	9.225	88	18847	1012.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	399808	274.054	ug/l	98
52) Toluene	10.170	92	427820	52.400	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	188902	50.489	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	226231	50.867	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	121710	52.183	ug/l	98
56) Ethyl methacrylate	10.439	69	148017	55.495	ug/l	99
57) 1,3-Dichloropropane	10.713	76	196706	52.608	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	369117	283.049	ug/l	99
59) 2-Hexanone	10.762	43	266314	276.764	ug/l	98
60) Dibromochloromethane	10.908	129	168598	52.212	ug/l	100
61) 1,2-Dibromoethane	11.012	107	117028	53.149	ug/l	99
64) Tetrachloroethene	10.646	164	195932	48.334	ug/l	98
65) Chlorobenzene	11.438	112	477397	49.681	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	168027	49.668	ug/l	98
67) Ethyl Benzene	11.518	91	807619	51.378	ug/l	99
68) m/p-Xylenes	11.627	106	643696	102.908	ug/l	100
69) o-Xylene	11.951	106	300350	52.097	ug/l	99
70) Styrene	11.969	104	515104	53.214	ug/l	100
71) Bromoform	12.133	173	99009	50.339	ug/l #	99
73) Isopropylbenzene	12.255	105	776220	50.697	ug/l	99
74) N-amyl acetate	12.066	43	131875	50.131	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	126486	48.999	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	91237m	46.479	ug/l	
77) Bromobenzene	12.530	156	195238	50.463	ug/l	99
78) n-propylbenzene	12.597	91	910236	49.920	ug/l	100
79) 2-Chlorotoluene	12.676	91	529539	49.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	644448	51.084	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	36616	44.920	ug/l	97
82) 4-Chlorotoluene	12.774	91	547240	49.644	ug/l	100
83) tert-Butylbenzene	12.999	119	581616	51.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	641466	50.836	ug/l	100
85) sec-Butylbenzene	13.176	105	826449	49.918	ug/l	100
86) p-Isopropyltoluene	13.292	119	704298	50.097	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	381166	48.508	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	370902	47.659	ug/l	99
89) n-Butylbenzene	13.615	91	603452	48.022	ug/l	99
90) Hexachloroethane	13.877	117	149543	48.414	ug/l	100
91) 1,2-Dichlorobenzene	13.658	146	337294	49.214	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19895	48.442	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	182074	46.881	ug/l	98
94) Hexachlorobutadiene	15.023	225	108219	45.289	ug/l	99
95) Naphthalene	15.145	128	353298	54.762	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	163074	48.643	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021985.D
Acq On : 23 Apr 2025 20:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

Quant Time: Apr 24 03:48:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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\VY042325\
Data File : VY021985.D
Acq On : 23 Apr 2025 20:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 24 03:48:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

