

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021528.D
 Acq On : 13 Mar 2025 16:30
 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 03/17/2025
 Supervised By :Semsettin Yesilyurt 03/17/2025

Quant Time: Mar 14 14:57:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	194772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	293071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	269121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113123	54.951	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.900%			
35) Dibromofluoromethane	7.634	113	108537	56.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.680%			
50) Toluene-d8	10.109	98	407035	55.804	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.600%			
62) 4-Bromofluorobenzene	12.408	95	142345	57.372	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	87606	49.014	ug/l	99
3) Chloromethane	2.068	50	130898	51.945	ug/l	97
4) Vinyl Chloride	2.202	62	153053	55.579	ug/l	100
5) Bromomethane	2.592	94	102851	51.677	ug/l	96
6) Chloroethane	2.733	64	105933	58.211	ug/l	99
7) Trichlorofluoromethane	3.056	101	230709	60.023	ug/l	100
8) Diethyl Ether	3.452	74	58353	54.782	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	117441	53.516	ug/l	99
10) Methyl Iodide	4.001	142	128150	57.448	ug/l	99
11) Tert butyl alcohol	4.854	59	36623	275.959	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	107020	53.491	ug/l	97
13) Acrolein	3.653	56	7239	69.134	ug/l	90
14) Allyl chloride	4.379	41	177482	54.892	ug/l	99
15) Acrylonitrile	5.055	53	127872	282.004	ug/l	99
16) Acetone	3.866	43	136668	304.380	ug/l	93
17) Carbon Disulfide	4.104	76	323793	51.640	ug/l	99
18) Methyl Acetate	4.379	43	67485	67.738	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	284378	56.079	ug/l	99
20) Methylene Chloride	4.616	84	122464	51.959	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	121685	54.308	ug/l	98
22) Diisopropyl ether	6.019	45	400739	57.511	ug/l	97
23) Vinyl Acetate	5.958	43	1118649	281.302	ug/l	98
24) 1,1-Dichloroethane	5.915	63	227036	55.206	ug/l	99
25) 2-Butanone	6.890	43	183734	295.816	ug/l	97
26) 2,2-Dichloropropane	6.884	77	199996	52.853	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	140928	55.365	ug/l	100
28) Bromochloromethane	7.244	49	99122	57.491	ug/l	100
29) Tetrahydrofuran	7.262	42	112236	292.707	ug/l	99
30) Chloroform	7.421	83	236907	55.476	ug/l	99
31) Cyclohexane	7.701	56	197860	51.319	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	213671	54.646	ug/l	99
36) 1,1-Dichloropropene	7.835	75	168325	55.821	ug/l	99
37) Ethyl Acetate	6.982	43	78172	58.653	ug/l	97
38) Carbon Tetrachloride	7.817	117	194476	56.078	ug/l	99
39) Methylcyclohexane	9.109	83	208037	56.245	ug/l	97
40) Benzene	8.079	78	506358	57.004	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021528.D
 Acq On : 13 Mar 2025 16:30
 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 03/17/2025
 Supervised By :Semsettin Yesilyurt 03/17/2025

Quant Time: Mar 14 14:57:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	41187	56.755	ug/l #	94
42) 1,2-Dichloroethane	8.152	62	144405	58.111	ug/l	100
43) Isopropyl Acetate	8.195	43	150281	58.085	ug/l #	88
44) Trichloroethene	8.859	130	126259	56.248	ug/l	99
45) 1,2-Dichloropropane	9.140	63	122553	57.969	ug/l	99
46) Dibromomethane	9.231	93	68268	58.036	ug/l	99
47) Bromodichloromethane	9.420	83	182466	58.410	ug/l	99
48) Methyl methacrylate	9.219	41	72397	60.938	ug/l	99
49) 1,4-Dioxane	9.231	88	14428	1249.629	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	413365	309.651	ug/l	99
52) Toluene	10.170	92	325070	58.046	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	163048	59.243	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	189665	58.044	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	90246	58.650	ug/l	99
56) Ethyl methacrylate	10.438	69	122653	62.501	ug/l	99
57) 1,3-Dichloropropane	10.713	76	156702	58.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	289925	320.040	ug/l	100
59) 2-Hexanone	10.762	43	283980	321.719	ug/l	100
60) Dibromochloromethane	10.914	129	124419	58.981	ug/l	99
61) 1,2-Dibromoethane	11.012	107	84377	58.101	ug/l	98
64) Tetrachloroethene	10.646	164	134879	61.634	ug/l	94
65) Chlorobenzene	11.444	112	348988	54.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	126220	56.176	ug/l	99
67) Ethyl Benzene	11.518	91	626767	56.189	ug/l	100
68) m/p-Xylenes	11.627	106	476729	112.573	ug/l	98
69) o-Xylene	11.956	106	221537	56.761	ug/l	100
70) Styrene	11.969	104	378051	58.387	ug/l	100
71) Bromoform	12.133	173	72284	57.550	ug/l #	99
73) Isopropylbenzene	12.255	105	600467	53.693	ug/l	100
74) N-amyl acetate	12.072	43	134988	55.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	102710	52.045	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	77704m	54.315	ug/l	
77) Bromobenzene	12.530	156	137576	52.584	ug/l	98
78) n-propylbenzene	12.597	91	738516	54.375	ug/l	100
79) 2-Chlorotoluene	12.682	91	412855	53.162	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	496250	54.603	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	32062	50.948	ug/l	97
82) 4-Chlorotoluene	12.780	91	429112	53.359	ug/l	99
83) tert-Butylbenzene	12.999	119	437897	54.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	495103	54.868	ug/l	98
85) sec-Butylbenzene	13.176	105	654250	54.236	ug/l	100
86) p-Isopropyltoluene	13.292	119	540426	54.380	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	273505	52.517	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	270105	53.032	ug/l	98
89) n-Butylbenzene	13.615	91	512812	55.881	ug/l	100
90) Hexachloroethane	13.883	117	109738	51.761	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	237827	53.281	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15640	52.906	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	134059	54.986	ug/l	99
94) Hexachlorobutadiene	15.023	225	81240	53.157	ug/l	99
95) Naphthalene	15.145	128	224637	53.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	115432	56.294	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
Data File : VY021528.D
Acq On : 13 Mar 2025 16:30
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 03/17/2025
Supervised By :Semsettin Yesilyurt 03/17/2025

Quant Time: Mar 14 14:57:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 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\VY031325\
 Data File : VY021528.D
 Acq On : 13 Mar 2025 16:30
 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: Mar 14 14:57:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/17/2025
 Supervised By :Semsettin Yesilyurt 03/17/2025

