

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021764.D
 Acq On : 03 Apr 2025 11:01
 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 04/04/2025
 Supervised By : Mahesh Dadoda 04/04/2025

Quant Time: Apr 04 01:29:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	208234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	319384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116052	51.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.880%	
35) Dibromofluoromethane	7.634	113	113922	54.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.109	98	435291	55.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.460%	
62) 4-Bromofluorobenzene	12.408	95	149156	55.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	103673	48.035	ug/l	98
3) Chloromethane	2.068	50	148598	48.964	ug/l	100
4) Vinyl Chloride	2.202	62	166451	48.497	ug/l	100
5) Bromomethane	2.598	94	112589	48.097	ug/l	97
6) Chloroethane	2.733	64	113241	50.422	ug/l	100
7) Trichlorofluoromethane	3.062	101	219281	49.875	ug/l	96
8) Diethyl Ether	3.452	74	58317	48.774	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	118484	51.095	ug/l	99
10) Methyl Iodide	4.007	142	141011	55.430	ug/l	99
11) Tert butyl alcohol	4.860	59	30820	210.313	ug/l	97
12) 1,1-Dichloroethene	3.787	96	110190	50.449	ug/l	96
13) Acrolein	3.653	56	31138	116.369	ug/l	99
14) Allyl chloride	4.385	41	180081	51.711	ug/l	100
15) Acrylonitrile	5.061	53	120826	242.027	ug/l	98
16) Acetone	3.873	43	91614	198.408	ug/l	99
17) Carbon Disulfide	4.104	76	366366	50.926	ug/l	99
18) Methyl Acetate	4.385	43	69666	60.876	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	276856	50.913	ug/l	98
20) Methylene Chloride	4.610	84	124953	55.747	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	126149	52.456	ug/l	97
22) Diisopropyl ether	6.019	45	397768	54.449	ug/l	98
23) Vinyl Acetate	5.958	43	1064692	249.130	ug/l	100
24) 1,1-Dichloroethane	5.915	63	230297	52.721	ug/l	99
25) 2-Butanone	6.890	43	150392	228.034	ug/l	96
26) 2,2-Dichloropropane	6.884	77	201487	51.854	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	143369	53.013	ug/l	99
28) Bromochloromethane	7.250	49	95540	51.861	ug/l	100
29) Tetrahydrofuran	7.262	42	102906	242.441	ug/l	99
30) Chloroform	7.421	83	238543	52.503	ug/l	95
31) Cyclohexane	7.701	56	196932	49.456	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	214846	52.320	ug/l	99
36) 1,1-Dichloropropene	7.835	75	169762	53.796	ug/l	98
37) Ethyl Acetate	6.982	43	71429	47.962	ug/l	99
38) Carbon Tetrachloride	7.817	117	195894	54.200	ug/l	99
39) Methylcyclohexane	9.109	83	204856	54.342	ug/l	99
40) Benzene	8.079	78	521326	55.164	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021764.D
 Acq On : 03 Apr 2025 11:01
 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 04/04/2025
 Supervised By : Mahesh Dadoda 04/04/2025

Quant Time: Apr 04 01:29:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	37699	47.665	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	141991	53.296	ug/l	100
43) Isopropyl Acetate	8.195	43	138980	49.243	ug/l	99
44) Trichloroethene	8.866	130	131603	54.655	ug/l	98
45) 1,2-Dichloropropane	9.140	63	123336	55.135	ug/l	100
46) Dibromomethane	9.231	93	69562	53.957	ug/l	97
47) Bromodichloromethane	9.420	83	184690	55.286	ug/l	97
48) Methyl methacrylate	9.219	41	66713	51.503	ug/l	98
49) 1,4-Dioxane	9.231	88	14046	1017.026	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	379583	258.444	ug/l	100
52) Toluene	10.170	92	334440	56.721	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	161445	54.410	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	191551	54.721	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	89259	53.800	ug/l	99
56) Ethyl methacrylate	10.438	69	114225	53.919	ug/l	99
57) 1,3-Dichloropropane	10.719	76	157315	54.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	276622	267.669	ug/l	99
59) 2-Hexanone	10.762	43	249690	255.268	ug/l	100
60) Dibromochloromethane	10.908	129	123607	54.568	ug/l	99
61) 1,2-Dibromoethane	11.012	107	83996	53.970	ug/l	98
64) Tetrachloroethene	10.646	164	146393	55.379	ug/l	98
65) Chlorobenzene	11.444	112	356640	53.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	128088	54.261	ug/l	99
67) Ethyl Benzene	11.518	91	633513	55.527	ug/l	99
68) m/p-Xylenes	11.627	106	488843	111.893	ug/l	100
69) o-Xylene	11.957	106	226654	56.203	ug/l	100
70) Styrene	11.969	104	384904	57.244	ug/l	99
71) Bromoform	12.133	173	71596	53.171	ug/l	99
73) Isopropylbenzene	12.255	105	596060	53.748	ug/l	100
74) N-amyl acetate	12.072	43	126940	48.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	95922	48.109	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	75342m	50.904	ug/l	
77) Bromobenzene	12.530	156	140969	52.942	ug/l	98
78) n-propylbenzene	12.597	91	732017	54.904	ug/l	99
79) 2-Chlorotoluene	12.682	91	412314	53.244	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	498587	55.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31935	49.716	ug/l	97
82) 4-Chlorotoluene	12.780	91	431611	53.461	ug/l	100
83) tert-Butylbenzene	12.999	119	434140	53.777	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	492689	54.999	ug/l	100
85) sec-Butylbenzene	13.176	105	640568	54.295	ug/l	100
86) p-Isopropyltoluene	13.292	119	538043	55.178	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	276842	52.772	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	270091	52.110	ug/l	99
89) n-Butylbenzene	13.621	91	491103	54.459	ug/l	100
90) Hexachloroethane	13.877	117	110741	51.825	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	241365	52.853	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15130	48.960	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	132669	53.571	ug/l	99
94) Hexachlorobutadiene	15.023	225	78028	50.449	ug/l	99
95) Naphthalene	15.145	128	215244	52.436	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	112449	53.247	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021764.D
Acq On : 03 Apr 2025 11:01
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 04/04/2025
Supervised By :Mahesh Dadoda 04/04/2025

Quant Time: Apr 04 01:29:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 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\VY040325\
 Data File : VY021764.D
 Acq On : 03 Apr 2025 11:01
 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 04/04/2025
 Supervised By : Mahesh Dadoda 04/04/2025

Quant Time: Apr 04 01:29:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

