

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077522.D
 Acq On : 08 Nov 2023 17:01
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/09/2023
 Supervised By : Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 01:38:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	215987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	379427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339258	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	163600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	139013	45.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.040%		
35) Dibromofluoromethane	7.805	113	121548	46.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.700%		
50) Toluene-d8	10.269	98	496210	48.714	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.575	95	159319	46.438	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	75111	43.128	ug/l	99
3) Chloromethane	2.152	50	142349	51.483	ug/l	99
4) Vinyl Chloride	2.287	62	166203	61.642	ug/l	100
5) Bromomethane	2.699	94	87952	62.251	ug/l	98
6) Chloroethane	2.840	64	115430	63.587	ug/l	100
7) Trichlorofluoromethane	3.181	101	176710	46.800	ug/l	100
8) Diethyl Ether	3.593	74	62565	46.096	ug/l	# 54
9) 1,1,2-Trichlorotrifluo...	3.970	101	106771	46.841	ug/l	94
10) Methyl Iodide	4.164	142	114916	40.553	ug/l	# 88
11) Tert butyl alcohol	5.052	59	51424	212.557	ug/l	97
12) 1,1-Dichloroethene	3.946	96	101269	46.927	ug/l	# 69
13) Acrolein	3.799	56	51592	161.713	ug/l	100
14) Allyl chloride	4.564	41	226241	43.458	ug/l	# 83
15) Acrylonitrile	5.258	53	174943	238.437	ug/l	96
16) Acetone	4.022	43	176633	218.560	ug/l	# 80
17) Carbon Disulfide	4.275	76	292038	44.333	ug/l	99
18) Methyl Acetate	4.564	43	145305	49.291	ug/l	# 78
19) Methyl tert-butyl Ether	5.316	73	312179	46.086	ug/l	95
20) Methylene Chloride	4.811	84	133347	43.580	ug/l	# 69
21) trans-1,2-Dichloroethene	5.316	96	121213	48.229	ug/l	# 76
22) Diisopropyl ether	6.216	45	490964	44.373	ug/l	# 90
23) Vinyl Acetate	6.158	43	1084707m	227.240	ug/l	
24) 1,1-Dichloroethane	6.111	63	258858	45.088	ug/l	94
25) 2-Butanone	7.081	43	241390	223.930	ug/l	# 76
26) 2,2-Dichloropropane	7.075	77	222456	43.723	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	145138	46.613	ug/l	75
28) Bromochloromethane	7.422	49	120698	46.525	ug/l	# 58
29) Tetrahydrofuran	7.440	42	150887	236.007	ug/l	# 71
30) Chloroform	7.593	83	246049	45.900	ug/l	94
31) Cyclohexane	7.875	56	219853	46.048	ug/l	# 76
32) 1,1,1-Trichloroethane	7.793	97	205217	46.465	ug/l	96
36) 1,1-Dichloropropene	8.010	75	183322	47.148	ug/l	91
37) Ethyl Acetate	7.163	43	103932	46.577	ug/l	# 88
38) Carbon Tetrachloride	7.993	117	173755	47.423	ug/l	98
39) Methylcyclohexane	9.269	83	211357	47.641	ug/l	# 83
40) Benzene	8.246	78	530676	47.864	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077522.D
 Acq On : 08 Nov 2023 17:01
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/09/2023
 Supervised By : Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 01:38:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	64724	45.332	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	157583	44.874	ug/l	92
43) Isopropyl Acetate	8.358	43	207410	45.042	ug/l #	82
44) Trichloroethene	9.028	130	126045	46.411	ug/l	85
45) 1,2-Dichloropropane	9.305	63	150719	46.174	ug/l	97
46) Dibromomethane	9.393	93	70884	45.125	ug/l	92
47) Bromodichloromethane	9.581	83	188438	45.385	ug/l	97
48) Methyl methacrylate	9.375	41	98158	44.657	ug/l #	68
49) 1,4-Dioxane	9.381	88	17372	1029.186	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	536157	236.554	ug/l #	82
52) Toluene	10.334	92	325241	48.119	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	202602	46.082	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	231972	45.850	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	101085	48.233	ug/l	94
56) Ethyl methacrylate	10.599	69	144758	46.455	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	183110	46.744	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	390424	250.272	ug/l #	85
59) 2-Hexanone	10.922	43	389842	233.483	ug/l	79
60) Dibromochloromethane	11.075	129	117941	46.800	ug/l	98
61) 1,2-Dibromoethane	11.181	107	90106	45.400	ug/l	100
64) Tetrachloroethene	10.810	164	99491	46.062	ug/l	93
65) Chlorobenzene	11.610	112	336507	47.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	124104	46.207	ug/l	97
67) Ethyl Benzene	11.687	91	652690	47.727	ug/l	94
68) m/p-Xylenes	11.793	106	477514	96.696	ug/l	83
69) o-Xylene	12.122	106	226693	47.925	ug/l	81
70) Styrene	12.134	104	394097	48.295	ug/l #	91
71) Bromoform	12.298	173	70095	47.074	ug/l #	97
73) Isopropylbenzene	12.422	105	610315	45.756	ug/l	94
74) N-amyl acetate	12.234	43	199649	42.258	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	121292	46.390	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	92654m	46.533	ug/l	
77) Bromobenzene	12.704	156	130068	44.302	ug/l	72
78) n-propylbenzene	12.763	91	778139	45.945	ug/l	94
79) 2-Chlorotoluene	12.851	91	419666	43.763	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	511076	45.664	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	46152	44.772	ug/l	90
82) 4-Chlorotoluene	12.946	91	444299	44.480	ug/l	90
83) tert-Butylbenzene	13.169	119	434589	46.184	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	509258	45.805	ug/l	93
85) sec-Butylbenzene	13.345	105	668035	46.399	ug/l	95
86) p-Isopropyltoluene	13.463	119	552492	47.210	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	271345	47.018	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	265891	46.113	ug/l	96
89) n-Butylbenzene	13.787	91	569697	46.836	ug/l	97
90) Hexachloroethane	14.057	117	107881	45.048	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	238984	47.120	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19397	44.036	ug/l	84
93) 1,2,4-Trichlorobenzene	15.104	180	158169	45.395	ug/l	98
94) Hexachlorobutadiene	15.204	225	85068	45.263	ug/l	99
95) Naphthalene	15.334	128	315800	47.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	140649	46.765	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077522.D
Acq On : 08 Nov 2023 17:01
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
Supervised By :Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 01:38:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

