

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021221\
 Data File : VD068357.D
 Acq On : 12 Feb 2021 13:52
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD021221

Manual Integrations
 APPROVED

MMDadoda
 2/15/2021 10:25:32 AM

Quant Time: Feb 12 16:54:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	447993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	761135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	679194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	305896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	232468	50.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.52%		
35) Dibromofluoromethane	7.920	113	237490	52.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.14%		
50) Toluene-d8	10.344	98	948937	50.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.36%		
62) 4-Bromofluorobenzene	12.632	95	308229	50.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.06%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	196116	47.77	ug/l	98
3) Chloromethane	2.209	50	227494	46.55	ug/l	98
4) Vinyl Chloride	2.350	62	281047	48.04	ug/l	100
5) Bromomethane	2.773	94	195137	46.66	ug/l	98
6) Chloroethane	2.926	64	187703	49.12	ug/l	98
7) Trichlorofluoromethane	3.273	101	355766	49.40	ug/l	99
8) Diethyl Ether	3.714	74	103286	48.84	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	219829	50.16	ug/l	94
10) Methyl Iodide	4.303	142	195572	47.52	ug/l	95
11) Tert butyl alcohol	5.226	59	55844	243.21	ug/l	96
12) 1,1-Dichloroethene	4.073	96	208014	48.82	ug/l	97
13) Acrolein	3.926	56	70933	270.16	ug/l	97
14) Allyl chloride	4.720	41	272810	49.25	ug/l	97
15) Acrylonitrile	5.426	53	225814	247.38	ug/l	99
16) Acetone	4.162	43	177051	250.57	ug/l #	86
17) Carbon Disulfide	4.414	76	585250	47.43	ug/l	99
18) Methyl Acetate	4.714	43	92194	47.54	ug/l	96
19) Methyl tert-butyl Ether	5.485	73	474131	49.32	ug/l	95
20) Methylene Chloride	4.967	84	240758	48.97	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	232550	47.16	ug/l	93
22) Diisopropyl ether	6.367	45	596463	48.65	ug/l	94
23) Vinyl Acetate	6.308	43	1629029	257.36	ug/l	98
24) 1,1-Dichloroethane	6.267	63	405643	48.36	ug/l	98
25) 2-Butanone	7.220	43	247436	250.45	ug/l	97
26) 2,2-Dichloropropane	7.214	77	355146	49.50	ug/l	100
27) cis-1,2-Dichloroethene	7.220	96	271593	48.45	ug/l	95
28) Bromochloromethane	7.550	49	176582	50.76	ug/l #	79
29) Tetrahydrofuran	7.567	42	159244	249.19	ug/l	97
30) Chloroform	7.714	83	424823	48.69	ug/l	96
31) Cyclohexane	7.991	56	352375	51.78	ug/l	91
32) 1,1,1-Trichloroethane	7.908	97	372092	49.36	ug/l	95
36) 1,1-Dichloropropene	8.114	75	335827	49.87	ug/l	95
37) Ethyl Acetate	7.297	43	118205	51.95	ug/l	96
38) Carbon Tetrachloride	8.102	117	322546	50.22	ug/l	97
39) Methylcyclohexane	9.361	83	417439	50.54	ug/l	99
40) Benzene	8.355	78	935222	48.69	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021221\
 Data File : VD068357.D
 Acq On : 12 Feb 2021 13:52
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD021221

Manual Integrations
 APPROVED

MMDadoda
 2/15/2021 10:25:32 AM

Quant Time: Feb 12 16:54:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	62616	47.81	ug/l	91
42) 1,2-Dichloroethane	8.426	62	254607	49.70	ug/l	99
43) Isopropyl Acetate	8.455	43	228833	52.52	ug/l	96
44) Trichloroethene	9.114	130	257896	49.34	ug/l	93
45) 1,2-Dichloropropane	9.391	63	233070	49.73	ug/l	98
46) Dibromomethane	9.479	93	124480	48.96	ug/l	92
47) Bromodichloromethane	9.667	83	329706	50.02	ug/l	98
48) Methyl methacrylate	9.461	41	115473	53.10	ug/l	98
49) 1,4-Dioxane	9.461	88	30554	1028.64	ug/l	94
51) 4-Methyl-2-Pentanone	10.232	43	572179	255.69	ug/l	100
52) Toluene	10.408	92	611553	49.52	ug/l	96
53) t-1,3-Dichloropropene	10.626	75	306636	50.27	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	370644	49.73	ug/l	100
55) 1,1,2-Trichloroethane	10.802	97	177662	50.58	ug/l	92
56) Ethyl methacrylate	10.661	69	214632	51.50	ug/l	96
57) 1,3-Dichloropropane	10.949	76	303856	49.30	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	549620	246.31	ug/l	93
59) 2-Hexanone	10.985	43	393063	259.84	ug/l	100
60) Dibromochloromethane	11.144	129	215921	49.54	ug/l	99
61) 1,2-Dibromoethane	11.249	107	167581	49.37	ug/l	98
64) Tetrachloroethene	10.879	164	202968	48.56	ug/l	98
65) Chlorobenzene	11.673	112	642814	49.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	227699	49.97	ug/l	98
67) Ethyl Benzene	11.743	91	1194782	51.03	ug/l	96
68) m/p-Xylenes	11.855	106	897831	101.46	ug/l	99
69) o-Xylene	12.179	106	415357	51.16	ug/l	95
70) Styrene	12.196	104	710229	50.30	ug/l	99
71) Bromoform	12.361	173	119596	51.08	ug/l #	97
73) Isopropylbenzene	12.479	105	1147850	51.37	ug/l	99
74) N-amyl acetate	12.291	43	204945	51.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	196247	50.68	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	148861m	51.14	ug/l	
77) Bromobenzene	12.761	156	245111	49.11	ug/l	88
78) n-propylbenzene	12.820	91	1366724	51.10	ug/l	98
79) 2-Chlorotoluene	12.908	91	738839	49.88	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	928324	50.84	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	62415	53.75	ug/l	96
82) 4-Chlorotoluene	13.002	91	777051	49.61	ug/l	98
83) tert-Butylbenzene	13.220	119	826369	52.17	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	930271	51.14	ug/l	99
85) sec-Butylbenzene	13.402	105	1149766	51.91	ug/l	98
86) p-Isopropyltoluene	13.514	119	1040316	52.31	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	484344	50.15	ug/l	100
88) 1,4-Dichlorobenzene	13.596	146	473445	49.27	ug/l	99
89) n-Butylbenzene	13.837	91	1007717	51.93	ug/l	97
90) Hexachloroethane	14.108	117	185602	51.40	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	418964	50.03	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	30034	53.05	ug/l	83
93) 1,2,4-Trichlorobenzene	15.161	180	282272	51.47	ug/l	100
94) Hexachlorobutadiene	15.267	225	157525	52.22	ug/l	99
95) Naphthalene	15.396	128	538135	52.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	242548	50.70	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021221\
Data File : VD068357.D
Acq On : 12 Feb 2021 13:52
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD021221

Manual Integrations
APPROVED

MMDadoda
2/15/2021 10:25:32 AM

Quant Time: Feb 12 16:54:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
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_D\Data\VD021221\
Data File : VD068357.D
Acq On : 12 Feb 2021 13:52
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD021221

Manual Integrations
APPROVED

MMDadoda
2/15/2021 10:25:32 AM

Quant Time: Feb 12 16:54:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

