

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068088.D
 Acq On : 19 Jan 2021 13:48
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD011921

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 4:57:01 PM

Quant Time: Jan 19 15:53:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	552210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	941259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	841313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	382328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	250082	47.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.68%		
35) Dibromofluoromethane	7.920	113	257269	49.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.88%		
50) Toluene-d8	10.344	98	964633	46.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.68%		
62) 4-Bromofluorobenzene	12.632	95	359967	48.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	336624	51.32	ug/l	97
3) Chloromethane	2.209	50	361228	51.13	ug/l	98
4) Vinyl Chloride	2.356	62	409595	52.13	ug/l	99
5) Bromomethane	2.773	94	282037	52.34	ug/l	99
6) Chloroethane	2.926	64	256264	53.39	ug/l	100
7) Trichlorofluoromethane	3.279	101	544702	52.81	ug/l	98
8) Diethyl Ether	3.714	74	156711	51.61	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	317043	52.71	ug/l	95
10) Methyl Iodide	4.309	142	336721	49.91	ug/l	93
11) Tert butyl alcohol	5.220	59	114608	238.66	ug/l	99
12) 1,1-Dichloroethene	4.073	96	316974	52.39	ug/l	95
13) Acrolein	3.926	56	97356	233.87	ug/l	100
14) Allyl chloride	4.720	41	468537	53.24	ug/l	95
15) Acrylonitrile	5.426	53	319101	265.28	ug/l	99
16) Acetone	4.162	43	244223	258.93	ug/l	93
17) Carbon Disulfide	4.414	76	1035366	53.14	ug/l	99
18) Methyl Acetate	4.720	43	126966	51.86	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	730777	52.25	ug/l	93
20) Methylene Chloride	4.973	84	350232	53.48	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	359054	51.70	ug/l	89
22) Diisopropyl ether	6.367	45	938441	52.85	ug/l #	94
23) Vinyl Acetate	6.308	43	2591140	273.75	ug/l	97
24) 1,1-Dichloroethane	6.267	63	608805	52.91	ug/l	99
25) 2-Butanone	7.214	43	362936	255.55	ug/l	99
26) 2,2-Dichloropropane	7.208	77	569301	52.30	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	399595	52.99	ug/l	93
28) Bromochloromethane	7.550	49	187245	47.77	ug/l #	78
29) Tetrahydrofuran	7.561	42	238264	258.80	ug/l	94
30) Chloroform	7.714	83	611516	52.60	ug/l	99
31) Cyclohexane	7.991	56	574919	50.26	ug/l	90
32) 1,1,1-Trichloroethane	7.908	97	552385	52.72	ug/l	97
36) 1,1-Dichloropropene	8.114	75	503687	53.06	ug/l	96
37) Ethyl Acetate	7.297	43	173546	51.69	ug/l	98
38) Carbon Tetrachloride	8.102	117	474681	53.43	ug/l	99
39) Methylcyclohexane	9.355	83	665625	53.64	ug/l	97
40) Benzene	8.355	78	1393011	52.49	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068088.D
 Acq On : 19 Jan 2021 13:48
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD011921

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 4:57:01 PM

Quant Time: Jan 19 15:53:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	84149	41.53	ug/l #	82
42) 1,2-Dichloroethane	8.426	62	373583	52.68	ug/l	98
43) Isopropyl Acetate	8.455	43	367779	52.56	ug/l	95
44) Trichloroethene	9.114	130	384567	52.76	ug/l	95
45) 1,2-Dichloropropane	9.391	63	339821	52.29	ug/l	98
46) Dibromomethane	9.479	93	174622	53.03	ug/l	94
47) Bromodichloromethane	9.667	83	470150	52.91	ug/l	99
48) Methyl methacrylate	9.461	41	183015	52.55	ug/l	96
49) 1,4-Dioxane	9.461	88	39516	1023.95	ug/l #	84
51) 4-Methyl-2-Pentanone	10.232	43	865235	266.01	ug/l	96
52) Toluene	10.408	92	901263	52.12	ug/l	97
53) t-1,3-Dichloropropene	10.626	75	471373	52.41	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	559888	52.30	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	244760	52.44	ug/l	95
56) Ethyl methacrylate	10.661	69	328725	52.88	ug/l	96
57) 1,3-Dichloropropane	10.949	76	432696	52.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	664729	231.70	ug/l	92
59) 2-Hexanone	10.985	43	587078	260.39	ug/l	98
60) Dibromochloromethane	11.144	129	309297	52.86	ug/l	100
61) 1,2-Dibromoethane	11.249	107	241535	52.45	ug/l	99
64) Tetrachloroethene	10.879	164	308062	51.95	ug/l	98
65) Chlorobenzene	11.673	112	935076	52.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	331662	52.75	ug/l	97
67) Ethyl Benzene	11.743	91	1747591	52.80	ug/l	97
68) m/p-Xylenes	11.855	106	1312584	105.04	ug/l	99
69) o-Xylene	12.179	106	610143	52.58	ug/l	97
70) Styrene	12.196	104	1040254	52.52	ug/l	97
71) Bromoform	12.361	173	169081	53.05	ug/l #	100
73) Isopropylbenzene	12.479	105	1664570	52.32	ug/l	100
74) N-amyl acetate	12.285	43	347951	52.62	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.732	83	263956	52.16	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	166742m	45.11	ug/l	
77) Bromobenzene	12.761	156	356006	52.20	ug/l	86
78) n-propylbenzene	12.820	91	1971528	52.38	ug/l	98
79) 2-Chlorotoluene	12.908	91	1098546	51.98	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	1370078	51.71	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	92173	50.45	ug/l	97
82) 4-Chlorotoluene	13.008	91	1154546	52.54	ug/l	97
83) tert-Butylbenzene	13.220	119	1171861	52.20	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	1369293	52.07	ug/l	99
85) sec-Butylbenzene	13.402	105	1650722	52.56	ug/l	98
86) p-Isopropyltoluene	13.514	119	1493482	52.29	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	686216	52.33	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	675869	52.31	ug/l	98
89) n-Butylbenzene	13.843	91	1449908	52.89	ug/l	99
90) Hexachloroethane	14.108	117	274662	53.23	ug/l	91
91) 1,2-Dichlorobenzene	13.890	146	584135	52.00	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	41892	50.58	ug/l	86
93) 1,2,4-Trichlorobenzene	15.161	180	402491	52.27	ug/l	98
94) Hexachlorobutadiene	15.267	225	224036	52.48	ug/l	99
95) Naphthalene	15.402	128	754296	52.24	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	342352	52.71	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
Data File : VD068088.D
Acq On : 19 Jan 2021 13:48
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD011921

Manual Integrations
APPROVED

MMDadoda
1/20/2021 4:57:01 PM

Quant Time: Jan 19 15:53:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 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\VD011921\
 Data File : VD068088.D
 Acq On : 19 Jan 2021 13:48
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD011921

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 4:57:01 PM

Quant Time: Jan 19 15:53:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

