

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070344.D
 Acq On : 14 Sep 2021 10:52
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:31:21 PM

Quant Time: Sep 15 02:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	379140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	664974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	646251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	315308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225213	46.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.520%
35) Dibromofluoromethane	7.908	113	235496	49.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.338	98	901104	52.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.860%
62) 4-Bromofluorobenzene	12.626	95	291210	48.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	91209	21.527	ug/l	94
3) Chloromethane	2.209	50	114693	19.928	ug/l	100
4) Vinyl Chloride	2.344	62	119431	20.021	ug/l	98
5) Bromomethane	2.750	94	83795	20.011	ug/l	96
6) Chloroethane	2.909	64	81315	20.381	ug/l	99
7) Trichlorofluoromethane	3.268	101	161312	20.445	ug/l	98
8) Diethyl Ether	3.709	74	37258	17.082	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	98868	20.173	ug/l	97
10) Methyl Iodide	4.297	142	70577	15.762	ug/l	96
11) Tert butyl alcohol	5.191	59	53445	97.095	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	83559	18.930	ug/l	95
13) Acrolein	3.920	56	18165	75.059	ug/l	92
14) Allyl chloride	4.709	41	111866	17.247	ug/l	96
15) Acrylonitrile	5.420	53	86512	83.247	ug/l	96
16) Acetone	4.156	43	74829	86.094	ug/l	95
17) Carbon Disulfide	4.403	76	310475	19.064	ug/l	100
18) Methyl Acetate	4.709	43	44816	17.813	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	161871	16.970	ug/l	100
20) Methylene Chloride	4.962	84	129667	19.512	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	101523	19.322	ug/l	99
22) Diisopropyl ether	6.361	45	252658	18.199	ug/l	99
23) Vinyl Acetate	6.309	43	508737	79.101	ug/l	98
24) 1,1-Dichloroethane	6.261	63	184059	18.738	ug/l	99
25) 2-Butanone	7.208	43	97524	84.292	ug/l	95
26) 2,2-Dichloropropane	7.203	77	146383	18.436	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	102904	18.231	ug/l	96
28) Bromochloromethane	7.550	49	68007	17.449	ug/l	95
29) Tetrahydrofuran	7.556	42	59744	80.441	ug/l	95
30) Chloroform	7.708	83	189097	18.777	ug/l	99
31) Cyclohexane	7.985	56	158733	18.928	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	161691	19.076	ug/l	97
36) 1,1-Dichloropropene	8.108	75	143729	20.222	ug/l	98
37) Ethyl Acetate	7.297	43	46449	17.476	ug/l	98
38) Carbon Tetrachloride	8.091	117	139115	19.790	ug/l	98
39) Methylcyclohexane	9.350	83	152237	19.172	ug/l	97
40) Benzene	8.350	78	405432	19.465	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070344.D
 Acq On : 14 Sep 2021 10:52
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:31:21 PM

Quant Time: Sep 15 02:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22586	16.151	ug/l	97
42) 1,2-Dichloroethane	8.420	62	109016	19.541	ug/l	99
43) Isopropyl Acetate	8.450	43	82151	16.717	ug/l	98
44) Trichloroethene	9.108	130	101033	20.296	ug/l	93
45) 1,2-Dichloropropane	9.385	63	106758	19.536	ug/l	89
46) Dibromomethane	9.473	93	54437	19.344	ug/l	97
47) Bromodichloromethane	9.655	83	137734	19.185	ug/l	97
48) Methyl methacrylate	9.455	41	40091	17.669	ug/l #	94
49) 1,4-Dioxane	9.455	88	10154	360.254	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	223164	87.757	ug/l	95
52) Toluene	10.397	92	255639	20.312	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	112552	18.225	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	139748	18.594	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	75711	19.557	ug/l	95
56) Ethyl methacrylate	10.655	69	72692	17.201	ug/l	96
57) 1,3-Dichloropropane	10.938	76	124065	18.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	191316	93.926	ug/l	97
59) 2-Hexanone	10.979	43	148993	87.816	ug/l	91
60) Dibromochloromethane	11.138	129	88076	19.550	ug/l	98
61) 1,2-Dibromoethane	11.238	107	67534	18.969	ug/l	98
64) Tetrachloroethene	10.867	164	79739	20.266	ug/l	96
65) Chlorobenzene	11.667	112	262368	19.597	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	98399	20.068	ug/l	97
67) Ethyl Benzene	11.738	91	442049	19.145	ug/l	99
68) m/p-Xylenes	11.849	106	360863	40.467	ug/l	99
69) o-Xylene	12.173	106	153959	19.272	ug/l	99
70) Styrene	12.185	104	271874	19.481	ug/l	98
71) Bromoform	12.355	173	46537	19.203	ug/l #	96
73) Isopropylbenzene	12.473	105	405896	18.356	ug/l	98
74) N-amyl acetate	12.279	43	79423	16.485	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	87226	18.418	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	66961m	20.995	ug/l	
77) Bromobenzene	12.749	156	94183	18.462	ug/l	97
78) n-propylbenzene	12.814	91	558521	19.461	ug/l	99
79) 2-Chlorotoluene	12.896	91	309947	18.528	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	370252	19.401	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	20175	15.850	ug/l	94
82) 4-Chlorotoluene	12.996	91	343063	19.439	ug/l	99
83) tert-Butylbenzene	13.214	119	283045	18.493	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	363743	19.355	ug/l	99
85) sec-Butylbenzene	13.390	105	478064	19.650	ug/l	98
86) p-Isopropyltoluene	13.508	119	376522	19.262	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	209137	19.690	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	204924	19.222	ug/l	99
89) n-Butylbenzene	13.832	91	359392	18.441	ug/l	99
90) Hexachloroethane	14.096	117	85870	19.190	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	178549	19.053	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12071	17.019	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	90696	17.922	ug/l	98
94) Hexachlorobutadiene	15.255	225	59521	19.175	ug/l	99
95) Naphthalene	15.384	128	144167	15.675	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	77167	17.283	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070344.D
 Acq On : 14 Sep 2021 10:52
 Operator : VA/SY
 Sample : VD0914SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:31:21 PM

Quant Time: Sep 15 02:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 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\VD091421\
Data File : VD070344.D
Acq On : 14 Sep 2021 10:52
Operator : VA/SY
Sample : VD0914SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Manual Integrations
APPROVED

MMDadoda
9/15/2021 5:31:21 PM

Quant Time: Sep 15 02:44:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

