

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068063.D
 Acq On : 13 Jan 2021 11:34
 Operator : VA/SY
 Sample : VD0113SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBSD01

Quant Time: Jan 13 12:23:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	519298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	806909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	752836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	367180	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	202354	45.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.66%
35) Dibromofluoromethane	7.920	113	220811	48.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.02%
50) Toluene-d8	10.344	98	785158	46.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.64%
62) 4-Bromofluorobenzene	12.632	95	289467	48.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.48%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	82543	17.92	ug/l	92
3) Chloromethane	2.209	50	82265	19.34	ug/l	91
4) Vinyl Chloride	2.350	62	93118	20.01	ug/l	100
5) Bromomethane	2.756	94	73289	20.23	ug/l	93
6) Chloroethane	2.921	64	57385	19.63	ug/l	95
7) Trichlorofluoromethane	3.273	101	173035	18.81	ug/l	97
8) Diethyl Ether	3.715	74	44272	20.05	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	98501	19.68	ug/l	98
10) Methyl Iodide	4.309	142	90576	17.66	ug/l	98
11) Tert butyl alcohol	5.215	59	35831	115.58	ug/l #	94
12) 1,1-Dichloroethene	4.068	96	93601	19.73	ug/l	98
13) Acrolein	3.926	56	35873	103.83	ug/l	99
14) Allyl chloride	4.715	41	108172	19.59	ug/l	98
15) Acrylonitrile	5.420	53	91549	107.61	ug/l	98
16) Acetone	4.162	43	77644	110.95	ug/l	98
17) Carbon Disulfide	4.415	76	273493	19.42	ug/l	98
18) Methyl Acetate	4.720	43	38231	20.89	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	196293	20.21	ug/l #	88
20) Methylene Chloride	4.973	84	115952	16.40	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	107916	20.30	ug/l	97
22) Diisopropyl ether	6.367	45	239480	21.80	ug/l #	97
23) Vinyl Acetate	6.309	43	596918	104.17	ug/l	95
24) 1,1-Dichloroethane	6.273	63	168873	20.30	ug/l	98
25) 2-Butanone	7.214	43	97861	109.27	ug/l	96
26) 2,2-Dichloropropane	7.214	77	165347	20.00	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	119021	20.74	ug/l	99
28) Bromochloromethane	7.550	49	61036	21.92	ug/l	96
29) Tetrahydrofuran	7.561	42	60664	105.72	ug/l	98
30) Chloroform	7.714	83	195667	20.71	ug/l	94
31) Cyclohexane	7.991	56	143476	19.49	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	180811	19.75	ug/l	100
36) 1,1-Dichloropropene	8.114	75	146408	20.65	ug/l	99
37) Ethyl Acetate	7.297	43	45083	20.81	ug/l	100
38) Carbon Tetrachloride	8.097	117	170290	20.15	ug/l	92
39) Methylcyclohexane	9.361	83	171555	20.07	ug/l	97
40) Benzene	8.356	78	413507	20.75	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068063.D
 Acq On : 13 Jan 2021 11:34
 Operator : VA/SY
 Sample : VD0113SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBSD01

Quant Time: Jan 13 12:23:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	24594	20.19	ug/l	90
42) 1,2-Dichloroethane	8.426	62	116326	20.76	ug/l	99
43) Isopropyl Acetate	8.456	43	88537	21.73	ug/l	99
44) Trichloroethene	9.114	130	126111	20.61	ug/l	95
45) 1,2-Dichloropropane	9.391	63	94349	20.69	ug/l	93
46) Dibromomethane	9.479	93	55705	20.74	ug/l	98
47) Bromodichloromethane	9.667	83	147966	20.35	ug/l	99
48) Methyl methacrylate	9.455	41	43896	20.82	ug/l	93
49) 1,4-Dioxane	9.467	88	13284	460.72	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	221418	108.48	ug/l	99
52) Toluene	10.408	92	281379	21.06	ug/l	99
53) t-1,3-Dichloropropene	10.626	75	132880	20.81	ug/l	100
54) cis-1,3-Dichloropropene	10.097	75	160743	21.12	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	79414	20.86	ug/l	95
56) Ethyl methacrylate	10.661	69	84820	21.61	ug/l	96
57) 1,3-Dichloropropane	10.950	76	128709	21.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	223170	113.49	ug/l	100
59) 2-Hexanone	10.991	43	153530	108.36	ug/l	99
60) Dibromochloromethane	11.144	129	109493	20.97	ug/l	98
61) 1,2-Dibromoethane	11.249	107	77996	21.44	ug/l	99
64) Tetrachloroethene	10.879	164	106522	19.93	ug/l	96
65) Chlorobenzene	11.673	112	303487	20.48	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	113005	20.07	ug/l	97
67) Ethyl Benzene	11.749	91	519619	20.31	ug/l	98
68) m/p-Xylenes	11.855	106	413788	41.43	ug/l	99
69) o-Xylene	12.185	106	186446	20.61	ug/l	96
70) Styrene	12.197	104	324583	20.76	ug/l	100
71) Bromoform	12.361	173	61802	20.59	ug/l #	99
73) Isopropylbenzene	12.479	105	509416	20.34	ug/l	100
74) N-amyl acetate	12.291	43	81196	20.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	83758	21.23	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	67434m	23.18	ug/l	
77) Bromobenzene	12.761	156	125198	20.70	ug/l	99
78) n-propylbenzene	12.820	91	600839	20.47	ug/l	99
79) 2-Chlorotoluene	12.908	91	341677	20.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	441473	20.52	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.532	75	26655	20.56	ug/l	96
82) 4-Chlorotoluene	13.008	91	371098	20.93	ug/l	98
83) tert-Butylbenzene	13.226	119	367042	20.29	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	440834	20.92	ug/l	98
85) sec-Butylbenzene	13.402	105	506714	19.98	ug/l	100
86) p-Isopropyltoluene	13.520	119	477132	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.520	146	242331	20.77	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	241992	20.55	ug/l	99
89) n-Butylbenzene	13.843	91	435847	20.58	ug/l	96
90) Hexachloroethane	14.108	117	90961	19.97	ug/l	100
91) 1,2-Dichlorobenzene	13.891	146	207537	20.49	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	13271	20.76	ug/l	93
93) 1,2,4-Trichlorobenzene	15.161	180	140362	20.35	ug/l	99
94) Hexachlorobutadiene	15.267	225	87426	19.80	ug/l	97
95) Naphthalene	15.402	128	230586	20.16	ug/l	98
96) 1,2,3-Trichlorobenzene	15.596	180	123500	20.85	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
Data File : VD068063.D
Acq On : 13 Jan 2021 11:34
Operator : VA/SY
Sample : VD0113SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0113SBSD01

Quant Time: Jan 13 12:23:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

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

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

