

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071703.D
 Acq On : 13 Jan 2022 12:01
 Operator : VA/SY
 Sample : VD0113SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBS01

Quant Time: Jan 13 14:29:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	276228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	441317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	213730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195060	54.881	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.760%			
35) Dibromofluoromethane	7.914	113	170712	53.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.000%			
50) Toluene-d8	10.332	98	644335	53.947	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.900%			
62) 4-Bromofluorobenzene	12.626	95	219191	52.081	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	45959	21.645	ug/l	96
3) Chloromethane	2.209	50	64436	22.914	ug/l	96
4) Vinyl Chloride	2.350	62	80686	23.493	ug/l	98
5) Bromomethane	2.756	94	55151	23.672	ug/l	99
6) Chloroethane	2.915	64	55537	22.691	ug/l	99
7) Trichlorofluoromethane	3.268	101	107397	22.059	ug/l	99
8) Diethyl Ether	3.703	74	28979	22.631	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	63461	22.300	ug/l	98
10) Methyl Iodide	4.303	142	45013	16.544	ug/l	98
11) Tert butyl alcohol	5.197	59	41657m	226.953	ug/l	
12) 1,1-Dichloroethene	4.068	96	51931	21.030	ug/l	87
13) Acrolein	3.921	56	30179	86.994	ug/l	97
14) Allyl chloride	4.715	41	107148	21.883	ug/l	98
15) Acrylonitrile	5.426	53	78830	116.488	ug/l	99
16) Acetone	4.156	43	93544	113.996	ug/l #	88
17) Carbon Disulfide	4.409	76	129695	21.200	ug/l	97
18) Methyl Acetate	4.715	43	59012	24.830	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	146241	22.435	ug/l	98
20) Methylene Chloride	4.968	84	73933	22.946	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	59253	21.011	ug/l	97
22) Diisopropyl ether	6.362	45	239627	22.727	ug/l	96
23) Vinyl Acetate	6.309	43	549973	111.775	ug/l	98
24) 1,1-Dichloroethane	6.262	63	138008	22.931	ug/l	96
25) 2-Butanone	7.209	43	112238	115.765	ug/l	96
26) 2,2-Dichloropropane	7.203	77	109847	21.736	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	73530	22.091	ug/l	100
28) Bromochloromethane	7.544	49	59304	20.228	ug/l	93
29) Tetrahydrofuran	7.567	42	64175	115.061	ug/l	100
30) Chloroform	7.709	83	139802	22.717	ug/l	89
31) Cyclohexane	7.979	56	109198	22.373	ug/l #	93
32) 1,1,1-Trichloroethane	7.897	97	121872	22.468	ug/l	98
36) 1,1-Dichloropropene	8.109	75	95954	21.082	ug/l	99
37) Ethyl Acetate	7.297	43	49565	23.464	ug/l #	94
38) Carbon Tetrachloride	8.091	117	100559	21.817	ug/l	97
39) Methylcyclohexane	9.350	83	100494	20.442	ug/l	96
40) Benzene	8.350	78	270184	21.545	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071703.D
 Acq On : 13 Jan 2022 12:01
 Operator : VA/SY
 Sample : VD0113SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0113SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

Quant Time: Jan 13 14:29:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26288	20.859	ug/l	94
42) 1,2-Dichloroethane	8.420	62	95293	22.449	ug/l	98
43) Isopropyl Acetate	8.450	43	92138	23.171	ug/l	98
44) Trichloroethene	9.108	130	68531	21.235	ug/l	95
45) 1,2-Dichloropropane	9.385	63	74300	21.918	ug/l	94
46) Dibromomethane	9.467	93	39058	22.510	ug/l	99
47) Bromodichloromethane	9.656	83	109883	23.066	ug/l	93
48) Methyl methacrylate	9.450	41	40654	20.232	ug/l	97
49) 1,4-Dioxane	9.456	88	8797	505.697	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	243369	115.870	ug/l	98
52) Toluene	10.397	92	172430	21.844	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	92434	22.119	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	108677	22.056	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	55052	24.202	ug/l	93
56) Ethyl methacrylate	10.655	69	63189	22.663	ug/l	99
57) 1,3-Dichloropropane	10.938	76	92890	22.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	167774	109.001	ug/l	99
59) 2-Hexanone	10.979	43	174235	118.770	ug/l	97
60) Dibromochloromethane	11.132	129	67460	23.299	ug/l	96
61) 1,2-Dibromoethane	11.238	107	49317	22.661	ug/l	96
64) Tetrachloroethene	10.873	164	60391	23.296	ug/l	93
65) Chlorobenzene	11.661	112	187974	22.259	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	68332	21.340	ug/l	99
67) Ethyl Benzene	11.738	91	339886	21.923	ug/l	99
68) m/p-Xylenes	11.844	106	252485	43.787	ug/l	96
69) o-Xylene	12.173	106	118786	21.765	ug/l	97
70) Styrene	12.185	104	208665	22.306	ug/l	99
71) Bromoform	12.349	173	36276	23.201	ug/l #	99
73) Isopropylbenzene	12.473	105	329084	21.426	ug/l	100
74) N-amyl acetate	12.279	43	83293	22.108	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	61956	22.764	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	41453m	20.072	ug/l	
77) Bromobenzene	12.755	156	72613	21.886	ug/l	100
78) n-propylbenzene	12.808	91	413951	21.430	ug/l	99
79) 2-Chlorotoluene	12.897	91	234312	21.522	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	273568	21.317	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	18635	25.156	ug/l	88
82) 4-Chlorotoluene	12.997	91	245032	21.694	ug/l	100
83) tert-Butylbenzene	13.214	119	231161	21.080	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	275483	21.707	ug/l	97
85) sec-Butylbenzene	13.391	105	360398	21.458	ug/l	99
86) p-Isopropyltoluene	13.502	119	294710	21.372	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	148389	21.673	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	150628	21.564	ug/l	99
89) n-Butylbenzene	13.832	91	295345	21.386	ug/l	98
90) Hexachloroethane	14.102	117	60912	22.326	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	129437	22.058	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10339	23.635	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	73547	21.748	ug/l	99
94) Hexachlorobutadiene	15.255	225	44304	22.347	ug/l	98
95) Naphthalene	15.385	128	129842	21.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	65277	22.653	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071703.D
 Acq On : 13 Jan 2022 12:01
 Operator : VA/SY
 Sample : VD0113SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0113SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

Quant Time: Jan 13 14:29:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

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

