

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071287.D
 Acq On : 13 Dec 2021 09:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 08:12:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/14/2021
 Supervised By : Mahesh Dadoda 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	230403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	385730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	355834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	177507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147012	54.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.760%			
35) Dibromofluoromethane	7.914	113	134357	54.699	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.400%			
50) Toluene-d8	10.338	98	477044	51.035	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.060%			
62) 4-Bromofluorobenzene	12.626	95	178722	55.158	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	86485	44.017	ug/l	97
3) Chloromethane	2.215	50	134514	51.749	ug/l	97
4) Vinyl Chloride	2.356	62	156577	53.992	ug/l	97
5) Bromomethane	2.773	94	114139	54.598	ug/l	97
6) Chloroethane	2.926	64	117344	58.831	ug/l	93
7) Trichlorofluoromethane	3.279	101	209535	53.336	ug/l	99
8) Diethyl Ether	3.709	74	58561	54.986	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	127117	54.845	ug/l	95
10) Methyl Iodide	4.303	142	113351	42.793	ug/l	96
11) Tert butyl alcohol	5.203	59	48282	285.113	ug/l #	91
12) 1,1-Dichloroethene	4.073	96	108814	50.873	ug/l #	78
13) Acrolein	3.920	56	32445	175.616	ug/l	98
14) Allyl chloride	4.720	41	215803	53.118	ug/l #	79
15) Acrylonitrile	5.420	53	153449	296.260	ug/l	98
16) Acetone	4.156	43	198932	273.770	ug/l	88
17) Carbon Disulfide	4.420	76	287214	45.863	ug/l	96
18) Methyl Acetate	4.714	43	111247	55.771	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	297068	56.671	ug/l	96
20) Methylene Chloride	4.967	84	142416	52.404	ug/l	87
21) trans-1,2-Dichloroethene	5.479	96	127772	53.068	ug/l	88
22) Diisopropyl ether	6.361	45	478549	58.791	ug/l	91
23) Vinyl Acetate	6.308	43	1121297	254.220	ug/l	95
24) 1,1-Dichloroethane	6.267	63	266566	56.936	ug/l	98
25) 2-Butanone	7.208	43	209385	252.249	ug/l	90
26) 2,2-Dichloropropane	7.208	77	227829	53.514	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	153892	56.497	ug/l	93
28) Bromochloromethane	7.550	49	106864	52.551	ug/l	87
29) Tetrahydrofuran	7.561	42	127773	297.637	ug/l	91
30) Chloroform	7.708	83	277721	59.106	ug/l	99
31) Cyclohexane	7.985	56	220271	47.899	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	238669	56.576	ug/l	93
36) 1,1-Dichloropropene	8.114	75	196553	54.520	ug/l	96
37) Ethyl Acetate	7.291	43	90579	58.164	ug/l #	90
38) Carbon Tetrachloride	8.097	117	207179	58.298	ug/l	99
39) Methylcyclohexane	9.355	83	220044	50.746	ug/l	98
40) Benzene	8.349	78	553369	56.509	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071287.D
 Acq On : 13 Dec 2021 09:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 08:12:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/14/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	51057	63.840	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	176556	59.066	ug/l	94
43) Isopropyl Acetate	8.444	43	178289	51.818	ug/l #	89
44) Trichloroethene	9.108	130	140636	53.864	ug/l	91
45) 1,2-Dichloropropane	9.385	63	149743	58.146	ug/l	98
46) Dibromomethane	9.473	93	79101	59.203	ug/l	94
47) Bromodichloromethane	9.655	83	211774	59.934	ug/l #	99
48) Methyl methacrylate	9.449	41	89270	58.563	ug/l #	80
49) 1,4-Dioxane	9.455	88	16052	1244.585	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	467515	264.241	ug/l	90
52) Toluene	10.396	92	351092	56.507	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	190718	58.706	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	222539	57.668	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	104430	59.580	ug/l	95
56) Ethyl methacrylate	10.655	69	130036	51.351	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	182221	59.180	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	327492	274.575	ug/l	99
59) 2-Hexanone	10.979	43	337930	254.646	ug/l	89
60) Dibromochloromethane	11.132	129	132004	60.596	ug/l	99
61) 1,2-Dibromoethane	11.238	107	97893	58.153	ug/l	100
64) Tetrachloroethene	10.873	164	118245	52.344	ug/l	97
65) Chlorobenzene	11.661	112	364978	55.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	143549	59.548	ug/l	96
67) Ethyl Benzene	11.738	91	700300	56.345	ug/l	100
68) m/p-Xylenes	11.849	106	523820	111.633	ug/l	94
69) o-Xylene	12.173	106	245745	55.722	ug/l	94
70) Styrene	12.185	104	433061	58.263	ug/l	98
71) Bromoform	12.355	173	75676	60.596	ug/l #	99
73) Isopropylbenzene	12.473	105	668547	52.015	ug/l	99
74) N-amyl acetate	12.279	43	161930	46.471	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	117347	55.441	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	99755m	58.984	ug/l	
77) Bromobenzene	12.755	156	146511	52.627	ug/l	99
78) n-propylbenzene	12.814	91	837455	52.320	ug/l	100
79) 2-Chlorotoluene	12.896	91	463286	51.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	564393	53.251	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	34318	47.754	ug/l #	78
82) 4-Chlorotoluene	12.996	91	491354	52.684	ug/l	99
83) tert-Butylbenzene	13.214	119	480997	52.844	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	560947	54.210	ug/l	98
85) sec-Butylbenzene	13.390	105	740197	53.243	ug/l	100
86) p-Isopropyltoluene	13.502	119	611845	53.809	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	305069	55.048	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	296007	53.912	ug/l	98
89) n-Butylbenzene	13.832	91	599511	54.011	ug/l	99
90) Hexachloroethane	14.102	117	119659	55.514	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	261098	55.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18820	54.599	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	155671	52.954	ug/l	96
94) Hexachlorobutadiene	15.249	225	86603	52.067	ug/l	99
95) Naphthalene	15.384	128	280005	54.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	130469	52.254	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071287.D
 Acq On : 13 Dec 2021 09:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/15/2021

Quant Time: Dec 14 08:12:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

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

