

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072020.D
 Acq On : 18 Feb 2022 11:14
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/19/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 03:40:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	533256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	874530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	805177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	388287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	522004	94.370	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 188.740%#			
35) Dibromofluoromethane	7.914	113	494371	93.304	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 186.600%#			
50) Toluene-d8	10.338	98	1968621	100.189	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 200.380%#			
62) 4-Bromofluorobenzene	12.620	95	687285	95.223	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 190.440%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	456743	90.844	ug/l	97
3) Chloromethane	2.209	50	455139	95.735	ug/l	99
4) Vinyl Chloride	2.350	62	435016	95.841	ug/l	100
5) Bromomethane	2.756	94	283478	89.589	ug/l	99
6) Chloroethane	2.915	64	274901	95.821	ug/l	96
7) Trichlorofluoromethane	3.273	101	830376	94.561	ug/l	96
8) Diethyl Ether	3.709	74	256169	102.332	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	515734	94.002	ug/l	100
10) Methyl Iodide	4.303	142	637409	118.049	ug/l	100
11) Tert butyl alcohol	5.215	59	141068	446.975	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	476505	97.783	ug/l	97
13) Acrolein	3.921	56	295542	474.880	ug/l	99
14) Allyl chloride	4.715	41	875619	102.528	ug/l	98
15) Acrylonitrile	5.415	53	664867	491.412	ug/l	100
16) Acetone	4.156	43	548325	458.679	ug/l	97
17) Carbon Disulfide	4.409	76	1387938	99.356	ug/l	98
18) Methyl Acetate	4.720	43	287387	84.136	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	1216014	102.576	ug/l	97
20) Methylene Chloride	4.968	84	551470	92.690	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	551315	100.687	ug/l	99
22) Diisopropyl ether	6.362	45	1817401	101.909	ug/l	98
23) Vinyl Acetate	6.303	43	5298428	556.353	ug/l	99
24) 1,1-Dichloroethane	6.262	63	1032567	97.326	ug/l	98
25) 2-Butanone	7.209	43	815318	493.460	ug/l	99
26) 2,2-Dichloropropane	7.203	77	839284	98.859	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	636303	101.427	ug/l	100
28) Bromochloromethane	7.544	49	460687	101.859	ug/l	97
29) Tetrahydrofuran	7.561	42	531825	504.353	ug/l	99
30) Chloroform	7.709	83	1050874	96.474	ug/l	99
31) Cyclohexane	7.985	56	946408	96.867	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	918884	98.024	ug/l	99
36) 1,1-Dichloropropene	8.109	75	799150	99.570	ug/l	99
37) Ethyl Acetate	7.285	43	360298	96.807	ug/l	98
38) Carbon Tetrachloride	8.097	117	812195	98.731	ug/l	98
39) Methylcyclohexane	9.350	83	983341	104.681	ug/l	96
40) Benzene	8.350	78	2246858	99.209	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072020.D
 Acq On : 18 Feb 2022 11:14
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/19/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 03:40:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	249868	108.263	ug/l	90
42) 1,2-Dichloroethane	8.420	62	663196	97.621	ug/l	100
43) Isopropyl Acetate	8.450	43	691680	99.799	ug/l	99
44) Trichloroethene	9.108	130	603831	97.823	ug/l	99
45) 1,2-Dichloropropane	9.385	63	592970	98.155	ug/l	99
46) Dibromomethane	9.473	93	309220	96.992	ug/l	99
47) Bromodichloromethane	9.656	83	802826	97.620	ug/l	100
48) Methyl methacrylate	9.450	41	361204	103.170	ug/l	99
49) 1,4-Dioxane	9.456	88	72528	1917.709	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	1864407	507.588	ug/l	100
52) Toluene	10.397	92	1473710	101.682	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	758668	100.869	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	888861	99.851	ug/l	100
55) 1,1,2-Trichloroethane	10.791	97	436402	97.270	ug/l	96
56) Ethyl methacrylate	10.655	69	576555	107.612	ug/l	99
57) 1,3-Dichloropropane	10.938	76	768777	99.141	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	1232713	514.296	ug/l	99
59) 2-Hexanone	10.979	43	1290801	515.217	ug/l	99
60) Dibromochloromethane	11.132	129	539033	96.210	ug/l	96
61) 1,2-Dibromoethane	11.238	107	424417	98.992	ug/l	99
64) Tetrachloroethene	10.873	164	501379	98.631	ug/l	97
65) Chlorobenzene	11.661	112	1541901	98.808	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	571960	98.753	ug/l	99
67) Ethyl Benzene	11.738	91	2820826	102.801	ug/l	99
68) m/p-Xylenes	11.844	106	2161188	205.745	ug/l	100
69) o-Xylene	12.173	106	1030815	104.319	ug/l	99
70) Styrene	12.185	104	1788727	105.483	ug/l	100
71) Bromoform	12.349	173	322887	97.204	ug/l	99
73) Isopropylbenzene	12.473	105	2787841	104.570	ug/l	100
74) N-amyl acetate	12.279	43	684412	106.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	498332	94.543	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	331751m	81.101	ug/l	
77) Bromobenzene	12.749	156	626292	100.316	ug/l	97
78) n-propylbenzene	12.808	91	3409175	104.038	ug/l	99
79) 2-Chlorotoluene	12.897	91	1931297	101.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	2304449	103.518	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	148332	100.995	ug/l	96
82) 4-Chlorotoluene	12.996	91	1993502	100.992	ug/l	99
83) tert-Butylbenzene	13.214	119	2008580	105.014	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	2268130	103.643	ug/l	99
85) sec-Butylbenzene	13.391	105	2995371	102.806	ug/l	99
86) p-Isopropyltoluene	13.502	119	2512070	104.825	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	1251441	99.161	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1224242	96.542	ug/l	99
89) n-Butylbenzene	13.832	91	2378625	104.382	ug/l	99
90) Hexachloroethane	14.096	117	481003	99.995	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	1088919	98.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	80685	98.260	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	695181	102.262	ug/l	99
94) Hexachlorobutadiene	15.249	225	366553	98.059	ug/l	98
95) Naphthalene	15.385	128	1350179	109.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	606151	103.374	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072020.D
 Acq On : 18 Feb 2022 11:14
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/19/2022
 Supervised By :Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 03:40:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

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

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

