

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072021.D
 Acq On : 18 Feb 2022 11:42
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 19 03:41:30 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	549736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	894499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	835281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	393967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	879230	154.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 308.380%#			
35) Dibromofluoromethane	7.914	113	834955	154.065	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 308.120%#			
50) Toluene-d8	10.338	98	3244288	161.425	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 322.860%#			
62) 4-Bromofluorobenzene	12.626	95	1166150	157.962	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 315.920%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	696630	134.402	ug/l	96
3) Chloromethane	2.209	50	710523	144.973	ug/l	98
4) Vinyl Chloride	2.350	62	664184	141.943	ug/l	98
5) Bromomethane	2.744	94	423638	129.871	ug/l	96
6) Chloroethane	2.909	64	414978	140.311	ug/l	100
7) Trichlorofluoromethane	3.268	101	1255916	138.733	ug/l	96
8) Diethyl Ether	3.709	74	410038	158.887	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	780266	137.955	ug/l	99
10) Methyl Iodide	4.297	142	966453	173.623	ug/l	99
11) Tert butyl alcohol	5.226	59	239163	735.072	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	733455	145.999	ug/l	97
13) Acrolein	3.920	56	495606	772.473	ug/l	99
14) Allyl chloride	4.709	41	1378588	156.583	ug/l	99
15) Acrylonitrile	5.420	53	1100477	788.993	ug/l	100
16) Acetone	4.156	43	890478	722.563	ug/l	99
17) Carbon Disulfide	4.409	76	2101910	145.956	ug/l	97
18) Methyl Acetate	4.715	43	474213	134.669	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	1978312	161.876	ug/l	100
20) Methylene Chloride	4.962	84	859663	140.159	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	840333	148.870	ug/l	98
22) Diisopropyl ether	6.362	45	2871241	156.176	ug/l	97
23) Vinyl Acetate	6.303	43	8684203	884.535	ug/l	99
24) 1,1-Dichloroethane	6.267	63	1601832	146.456	ug/l	98
25) 2-Butanone	7.209	43	1340417	786.949	ug/l	100
26) 2,2-Dichloropropane	7.203	77	1289839	147.375	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	987366	152.669	ug/l	99
28) Bromochloromethane	7.544	49	726201	155.752	ug/l	99
29) Tetrahydrofuran	7.561	42	875876	805.731	ug/l	100
30) Chloroform	7.708	83	1622750	144.508	ug/l	100
31) Cyclohexane	7.985	56	1423519	141.332	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	1389911	143.827	ug/l	98
36) 1,1-Dichloropropene	8.108	75	1214617	147.956	ug/l	99
37) Ethyl Acetate	7.291	43	602048	158.150	ug/l	96
38) Carbon Tetrachloride	8.097	117	1232690	146.502	ug/l	99
39) Methylcyclohexane	9.350	83	1496225	155.724	ug/l	97
40) Benzene	8.350	78	3451584	149.001	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	362290	153.470	ug/l	99
42) 1,2-Dichloroethane	8.420	62	1055146	151.848	ug/l	99
43) Isopropyl Acetate	8.450	43	1165071	164.349	ug/l	97
44) Trichloroethene	9.108	130	926889	146.807	ug/l	99
45) 1,2-Dichloropropane	9.385	63	922889	149.356	ug/l	98
46) Dibromomethane	9.473	93	494406	151.616	ug/l	99
47) Bromodichloromethane	9.655	83	1252458	148.893	ug/l	100
48) Methyl methacrylate	9.450	41	590538	164.909	ug/l	97
49) 1,4-Dioxane	9.455	88	117220	3030.216	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	3045432	810.615	ug/l	99
52) Toluene	10.397	92	2261559	152.557	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	1245000	161.834	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	1450700	159.327	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	702832	153.157	ug/l	98
56) Ethyl methacrylate	10.655	69	941886	171.875	ug/l	100
57) 1,3-Dichloropropane	10.938	76	1217348	153.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	1958573	798.888	ug/l	99
59) 2-Hexanone	10.979	43	2079045	811.315	ug/l	100
60) Dibromochloromethane	11.132	129	860829	150.216	ug/l	97
61) 1,2-Dibromoethane	11.238	107	678106	154.633	ug/l	99
64) Tetrachloroethene	10.873	164	766763	145.401	ug/l	97
65) Chlorobenzene	11.661	112	2388151	147.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	883393	147.028	ug/l	99
67) Ethyl Benzene	11.738	91	4332117	152.188	ug/l	99
68) m/p-Xylenes	11.844	106	3321123	304.776	ug/l	98
69) o-Xylene	12.173	106	1611607	157.217	ug/l	100
70) Styrene	12.185	104	2758363	156.801	ug/l	100
71) Bromoform	12.355	173	523311	151.864	ug/l #	98
73) Isopropylbenzene	12.473	105	4235046	156.564	ug/l	99
74) N-amyl acetate	12.279	43	1120450	171.539	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	802402	150.035	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	548379m	132.126	ug/l	
77) Bromobenzene	12.749	156	971490	153.365	ug/l	97
78) n-propylbenzene	12.814	91	5088791	153.055	ug/l	99
79) 2-Chlorotoluene	12.896	91	2945243	153.052	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	3490348	154.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	250695	168.231	ug/l	95
82) 4-Chlorotoluene	12.996	91	3023445	150.961	ug/l	100
83) tert-Butylbenzene	13.214	119	3042083	156.755	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	3418512	153.959	ug/l	99
85) sec-Butylbenzene	13.391	105	4486160	151.752	ug/l	99
86) p-Isopropyltoluene	13.508	119	3710067	152.583	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	1880204	146.834	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	1875549	145.770	ug/l	98
89) n-Butylbenzene	13.832	91	3514823	152.018	ug/l	99
90) Hexachloroethane	14.096	117	731156	149.807	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	1662307	148.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	129173	155.042	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	1045865	151.630	ug/l	98
94) Hexachlorobutadiene	15.249	225	546649	144.129	ug/l	99
95) Naphthalene	15.385	128	2173483	173.583	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	920219	154.673	ug/l	99

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

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