

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
 Data File : VD071431.D
 Acq On : 22 Dec 2021 20:17
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 23 07:19:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 07:15:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	371054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	608247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	572749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	497740	123.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 246.480%#			
35) Dibromofluoromethane	7.909	113	419723	118.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 237.360%#			
50) Toluene-d8	10.332	98	1625244	120.603	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 241.200%#			
62) 4-Bromofluorobenzene	12.620	95	565817	120.938	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 241.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	346065	117.723	ug/l	96
3) Chloromethane	2.209	50	447403	115.642	ug/l	98
4) Vinyl Chloride	2.350	62	548950	127.031	ug/l	98
5) Bromomethane	2.756	94	374175	120.188	ug/l	100
6) Chloroethane	2.915	64	370225	125.853	ug/l	94
7) Trichlorofluoromethane	3.268	101	690571	119.540	ug/l	100
8) Diethyl Ether	3.709	74	199252	126.517	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	392258	115.579	ug/l	96
10) Methyl Iodide	4.303	142	446369	133.579	ug/l	95
11) Tert butyl alcohol	5.220	59	153019	325.676	ug/l	96
12) 1,1-Dichloroethene	4.068	96	366785	116.878	ug/l	86
13) Acrolein	3.920	56	123305	452.938	ug/l	98
14) Allyl chloride	4.715	41	706366	119.188	ug/l #	78
15) Acrylonitrile	5.420	53	528462	684.027	ug/l	96
16) Acetone	4.150	43	669405	703.477	ug/l #	86
17) Carbon Disulfide	4.409	76	1151574	123.446	ug/l	98
18) Methyl Acetate	4.715	43	374593	125.293	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	1018569	131.649	ug/l	96
20) Methylene Chloride	4.962	84	435757	84.569	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	417377	118.298	ug/l	89
22) Diisopropyl ether	6.362	45	1497575	125.879	ug/l	93
23) Vinyl Acetate	6.303	43	4230294	745.410	ug/l	97
24) 1,1-Dichloroethane	6.262	63	804963	117.954	ug/l	99
25) 2-Butanone	7.209	43	809184	736.095	ug/l #	87
26) 2,2-Dichloropropane	7.209	77	680171	110.427	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	487820	122.916	ug/l	92
28) Bromochloromethane	7.544	49	337317	113.847	ug/l	89
29) Tetrahydrofuran	7.556	42	473062	732.363	ug/l	94
30) Chloroform	7.703	83	825867	120.189	ug/l	99
31) Cyclohexane	7.985	56	744553	109.654	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	737782	120.289	ug/l	94
36) 1,1-Dichloropropene	8.108	75	644751	124.749	ug/l	97
37) Ethyl Acetate	7.291	43	340394	148.223	ug/l #	91
38) Carbon Tetrachloride	8.091	117	655330	129.027	ug/l	96
39) Methylcyclohexane	9.350	83	754004	121.461	ug/l	99
40) Benzene	8.350	78	1726729	123.080	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	194286	142.694	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	586152	135.337	ug/l	93
43) Isopropyl Acetate	8.450	43	651154	145.815	ug/l #	88
44) Trichloroethene	9.108	130	445701	119.584	ug/l	96
45) 1,2-Dichloropropane	9.379	63	454910	123.745	ug/l	99
46) Dibromomethane	9.473	93	257307	133.092	ug/l	94
47) Bromodichloromethane	9.655	83	645899	127.403	ug/l	98
48) Methyl methacrylate	9.450	41	332373	149.896	ug/l #	81
49) 1,4-Dioxane	9.450	88	60884	3186.044	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	1759868	776.802	ug/l	90
52) Toluene	10.397	92	1139008	128.326	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	631247	135.901	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	714709	129.680	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	332089	130.875	ug/l	93
56) Ethyl methacrylate	10.655	69	476852	148.881	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	606241	136.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1077208	619.949	ug/l	99
59) 2-Hexanone	10.979	43	1281590	777.472	ug/l	89
60) Dibromochloromethane	11.132	129	422477	134.175	ug/l	99
61) 1,2-Dibromoethane	11.238	107	326480	133.779	ug/l	98
64) Tetrachloroethene	10.873	164	381672	116.089	ug/l	98
65) Chlorobenzene	11.661	112	1161970	121.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	436572	124.716	ug/l	97
67) Ethyl Benzene	11.738	91	2231190	124.112	ug/l	99
68) m/p-Xylenes	11.844	106	1688289	248.272	ug/l	95
69) o-Xylene	12.173	106	784127	122.984	ug/l	93
70) Styrene	12.185	104	1390199	129.447	ug/l	97
71) Bromoform	12.349	173	252138	137.054	ug/l #	99
73) Isopropylbenzene	12.473	105	2164480	120.967	ug/l	99
74) N-amyl acetate	12.279	43	626352	141.861	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	396780	132.034	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	337148m	136.054	ug/l	
77) Bromobenzene	12.749	156	464112	119.021	ug/l	95
78) n-propylbenzene	12.808	91	2676107	119.929	ug/l	100
79) 2-Chlorotoluene	12.896	91	1490061	118.798	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1781662	120.775	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	120243	132.478	ug/l #	72
82) 4-Chlorotoluene	12.996	91	1547353	118.686	ug/l	99
83) tert-Butylbenzene	13.214	119	1521286	120.048	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	1780417	123.684	ug/l	98
85) sec-Butylbenzene	13.391	105	2306999	119.242	ug/l	100
86) p-Isopropyltoluene	13.502	119	1948543	123.202	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	927981	119.810	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	912932	118.488	ug/l	98
89) n-Butylbenzene	13.832	91	1883670	122.351	ug/l	99
90) Hexachloroethane	14.096	117	361175	120.940	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	812458	122.887	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	69091	139.242	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	492702	120.210	ug/l	98
94) Hexachlorobutadiene	15.249	225	253343	109.898	ug/l	98
95) Naphthalene	15.385	128	1021391	139.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	430764	123.413	ug/l	98

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

