

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071706.D
 Acq On : 13 Jan 2022 13:25
 Operator : VA/SY
 Sample : N1106-10REMSD
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-0022C-02-6REMSD

Quant Time: Jan 13 14:30:45 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	317043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	543579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	487510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	222365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199367	48.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.740%		
35) Dibromofluoromethane	7.914	113	170580	47.484	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.960%		
50) Toluene-d8	10.332	98	621341	46.205	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.626	95	209329	44.176	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	115745	48.154	ug/l	99
3) Chloromethane	2.209	50	163241	51.861	ug/l	96
4) Vinyl Chloride	2.350	62	202799	51.446	ug/l	94
5) Bromomethane	2.768	94	128191	48.661	ug/l	97
6) Chloroethane	2.920	64	141016	50.198	ug/l	96
7) Trichlorofluoromethane	3.273	101	267680	47.902	ug/l	97
8) Diethyl Ether	3.709	74	77034	52.414	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	158788	48.615	ug/l	98
10) Methyl Iodide	4.303	142	147945	47.374	ug/l	98
11) Tert butyl alcohol	5.226	59	62653	325.997	ug/l #	86
12) 1,1-Dichloroethene	4.067	96	136169	48.043	ug/l	96
13) Acrolein	3.926	56	76651	192.510	ug/l	98
14) Allyl chloride	4.714	41	284111	50.554	ug/l	99
15) Acrylonitrile	5.414	53	215794	277.830	ug/l	99
16) Acetone	4.162	43	275805	292.836	ug/l	98
17) Carbon Disulfide	4.409	76	317464	44.674	ug/l	100
18) Methyl Acetate	4.714	43	163530	60.552	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	417210	55.764	ug/l	97
20) Methylene Chloride	4.967	84	173136	49.701	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	153079	47.294	ug/l	93
22) Diisopropyl ether	6.367	45	650630	53.765	ug/l	97
23) Vinyl Acetate	6.303	43	1528768	270.704	ug/l	99
24) 1,1-Dichloroethane	6.267	63	349300	50.568	ug/l	98
25) 2-Butanone	7.208	43	317851	285.635	ug/l	100
26) 2,2-Dichloropropane	7.203	77	291992	50.340	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	191292	50.072	ug/l	99
28) Bromochloromethane	7.550	49	166643	49.523	ug/l	97
29) Tetrahydrofuran	7.561	42	183373	286.449	ug/l	99
30) Chloroform	7.703	83	365350	51.724	ug/l	95
31) Cyclohexane	7.985	56	266788	47.262	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	311775	50.079	ug/l	99
36) 1,1-Dichloropropene	8.108	75	246595	48.122	ug/l	99
37) Ethyl Acetate	7.291	43	130840	55.013	ug/l	98
38) Carbon Tetrachloride	8.091	117	265991	51.256	ug/l	98
39) Methylcyclohexane	9.350	83	237732	42.950	ug/l	96
40) Benzene	8.350	78	695366	49.250	ug/l	100

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41) Methacrylonitrile	7.514	41	74569	50.835	ug/l	94
42) 1,2-Dichloroethane	8.420	62	244580	51.174	ug/l	99
43) Isopropyl Acetate	8.450	43	252041	56.297	ug/l	100
44) Trichloroethene	9.108	130	171456	47.187	ug/l	95
45) 1,2-Dichloropropane	9.385	63	197089	51.638	ug/l	99
46) Dibromomethane	9.467	93	103122	52.786	ug/l	99
47) Bromodichloromethane	9.655	83	282102	52.596	ug/l	98
48) Methyl methacrylate	9.450	41	121438	53.677	ug/l	98
49) 1,4-Dioxane	9.461	88	24319	1241.663	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	682780	288.727	ug/l	99
52) Toluene	10.397	92	439880	49.495	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	251579	53.471	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	287816	51.881	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	141607	55.293	ug/l	95
56) Ethyl methacrylate	10.655	69	178071	56.725	ug/l	97
57) 1,3-Dichloropropane	10.938	76	253260	53.513	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	500082	288.568	ug/l	99
59) 2-Hexanone	10.979	43	496220	300.432	ug/l	100
60) Dibromochloromethane	11.132	129	174194	53.436	ug/l	99
61) 1,2-Dibromoethane	11.244	107	130971	53.452	ug/l	97
64) Tetrachloroethene	10.873	164	136848	47.788	ug/l	97
65) Chlorobenzene	11.661	112	460724	49.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	184205	52.075	ug/l	98
67) Ethyl Benzene	11.738	91	871035	50.859	ug/l	100
68) m/p-Xylenes	11.844	106	648700	101.841	ug/l	99
69) o-Xylene	12.173	106	309030	51.258	ug/l	99
70) Styrene	12.185	104	537004	51.965	ug/l	99
71) Bromoform	12.355	173	98451	57.000	ug/l #	99
73) Isopropylbenzene	12.473	105	820754	51.362	ug/l	98
74) N-amyl acetate	12.279	43	231668	59.102	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	159111	56.190	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	112254m	52.244	ug/l	
77) Bromobenzene	12.749	156	181590	52.608	ug/l	99
78) n-propylbenzene	12.814	91	1009669	50.239	ug/l	100
79) 2-Chlorotoluene	12.896	91	578475	51.070	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	679407	50.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	47713	61.907	ug/l	95
82) 4-Chlorotoluene	12.996	91	596313	50.744	ug/l	100
83) tert-Butylbenzene	13.214	119	586365	51.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	677254	51.292	ug/l	100
85) sec-Butylbenzene	13.390	105	847374	48.492	ug/l	100
86) p-Isopropyltoluene	13.502	119	693457	48.335	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	354403	49.752	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	349742	48.125	ug/l	99
89) n-Butylbenzene	13.832	91	644516	44.858	ug/l	100
90) Hexachloroethane	14.096	117	139083	48.998	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	311383	51.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27739	60.949	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	162698	46.243	ug/l	99
94) Hexachlorobutadiene	15.249	225	72576	35.186	ug/l	98
95) Naphthalene	15.384	128	341030	54.746	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	140522	46.872	ug/l	98

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

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