

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071696.D
 Acq On : 12 Jan 2022 19:50
 Operator : VA/SY
 Sample : N1106-09MS
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jan 13 05:30:43 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 01/13/2022
 Supervised By :Mahesh Dadoda 01/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	266405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	466493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	436892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	202332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208031	60.688	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.380%			
35) Dibromofluoromethane	7.908	113	171556	55.647	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.300%			
50) Toluene-d8	10.332	98	625823	54.229	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.460%			
62) 4-Bromofluorobenzene	12.620	95	211496	52.009	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	100323	49.689	ug/l	96
3) Chloromethane	2.209	50	152329	57.711	ug/l	98
4) Vinyl Chloride	2.350	62	173968	52.521	ug/l	96
5) Bromomethane	2.762	94	114136	51.604	ug/l	97
6) Chloroethane	2.920	64	124801	52.871	ug/l	99
7) Trichlorofluoromethane	3.273	101	224838	47.883	ug/l	99
8) Diethyl Ether	3.715	74	72614	58.797	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	130932	47.707	ug/l	99
10) Methyl Iodide	4.303	142	114725	43.720	ug/l	98
11) Tert butyl alcohol	5.220	59	46989	282.572	ug/l	98
12) 1,1-Dichloroethene	4.073	96	114514	48.083	ug/l	98
13) Acrolein	3.920	56	78232	233.828	ug/l	99
14) Allyl chloride	4.714	41	243109	51.480	ug/l	99
15) Acrylonitrile	5.414	53	209162	320.478	ug/l	100
16) Acetone	4.156	43	240908	304.403	ug/l	97
17) Carbon Disulfide	4.403	76	272738	45.665	ug/l	100
18) Methyl Acetate	4.714	43	174700	77.099	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	379836	60.419	ug/l	97
20) Methylene Chloride	4.956	84	152436	52.209	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	132574	48.745	ug/l	99
22) Diisopropyl ether	6.367	45	592251	58.243	ug/l	99
23) Vinyl Acetate	6.303	43	1283333m	270.438	ug/l	
24) 1,1-Dichloroethane	6.261	63	306815	52.860	ug/l	98
25) 2-Butanone	7.208	43	305623	326.851	ug/l	93
26) 2,2-Dichloropropane	7.208	77	235384	48.294	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	171558	53.442	ug/l	97
28) Bromochloromethane	7.544	49	159742	56.496	ug/l	99
29) Tetrahydrofuran	7.561	42	184444	342.888	ug/l	98
30) Chloroform	7.708	83	324907	54.741	ug/l	98
31) Cyclohexane	7.985	56	217625	45.890	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	262490	50.177	ug/l	100
36) 1,1-Dichloropropene	8.108	75	208437	47.397	ug/l	99
37) Ethyl Acetate	7.285	43	124358	60.928	ug/l	98
38) Carbon Tetrachloride	8.097	117	224966	50.514	ug/l	98
39) Methylcyclohexane	9.350	83	195238	41.101	ug/l	96
40) Benzene	8.350	78	612946	50.586	ug/l	99

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41) Methacrylonitrile	7.520	41	73352	58.103	ug/l	94
42) 1,2-Dichloroethane	8.420	62	225941	55.086	ug/l	97
43) Isopropyl Acetate	8.450	43	238390	62.047	ug/l	99
44) Trichloroethene	9.108	130	149332	47.890	ug/l	95
45) 1,2-Dichloropropane	9.385	63	177878	54.306	ug/l	99
46) Dibromomethane	9.473	93	96422	57.513	ug/l	99
47) Bromodichloromethane	9.655	83	258164	56.087	ug/l	100
48) Methyl methacrylate	9.450	41	112434	57.910	ug/l	96
49) 1,4-Dioxane	9.455	88	25053	1490.511	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	671753	331.004	ug/l	99
52) Toluene	10.397	92	391946	51.389	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	227738	56.402	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	263273	55.299	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	133685	60.825	ug/l	96
56) Ethyl methacrylate	10.655	69	167086	62.021	ug/l	97
57) 1,3-Dichloropropane	10.938	76	239347	58.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	481343	323.653	ug/l	99
59) 2-Hexanone	10.979	43	482770	340.588	ug/l	99
60) Dibromochloromethane	11.132	129	165156	59.035	ug/l	98
61) 1,2-Dibromoethane	11.238	107	123250	58.613	ug/l	97
64) Tetrachloroethene	10.873	164	122854	47.871	ug/l	96
65) Chlorobenzene	11.661	112	414534	49.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	166162	52.417	ug/l	98
67) Ethyl Benzene	11.738	91	759695	49.497	ug/l	100
68) m/p-Xylenes	11.844	106	571303	100.082	ug/l	99
69) o-Xylene	12.173	106	273451	50.611	ug/l	99
70) Styrene	12.185	104	490419	52.956	ug/l	99
71) Bromoform	12.349	173	95874	61.940	ug/l #	100
73) Isopropylbenzene	12.473	105	714059	49.109	ug/l	100
74) N-amyl acetate	12.279	43	212619	59.613	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	161642	62.736	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	107577m	55.024	ug/l	
77) Bromobenzene	12.749	156	162296	51.673	ug/l	97
78) n-propylbenzene	12.808	91	869533	47.550	ug/l	99
79) 2-Chlorotoluene	12.896	91	508210	49.309	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	594363	48.923	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	43426	61.924	ug/l	96
82) 4-Chlorotoluene	12.996	91	525716	49.166	ug/l	99
83) tert-Butylbenzene	13.214	119	500972	48.258	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	593432	49.394	ug/l	99
85) sec-Butylbenzene	13.390	105	723146	45.481	ug/l	100
86) p-Isopropyltoluene	13.502	119	605238	46.363	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	320757	49.487	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	315716	47.745	ug/l	99
89) n-Butylbenzene	13.832	91	546560	41.807	ug/l	98
90) Hexachloroethane	14.102	117	121211	46.930	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	281909	50.748	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25507	61.594	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	139042	43.432	ug/l	97
94) Hexachlorobutadiene	15.249	225	59816	31.871	ug/l	99
95) Naphthalene	15.384	128	321548	56.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	125695	46.077	ug/l	100

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

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