

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070215.D
 Acq On : 23 Aug 2021 12:02
 Operator : VA/SY
 Sample : VD0823SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Manual Integrations
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Quant Time: Aug 24 01:29:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	469246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	855578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	812275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	295598	53.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.120%	
35) Dibromofluoromethane	7.914	113	292867	52.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.960%	
50) Toluene-d8	10.338	98	1143281	53.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.626	95	381616	53.891	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.780%	

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	122202	23.805	ug/l	97
3) Chloromethane	2.209	50	164793	22.943	ug/l	92
4) Vinyl Chloride	2.344	62	170290	21.443	ug/l	100
5) Bromomethane	2.744	94	113844	23.895	ug/l	97
6) Chloroethane	2.909	64	113368	22.346	ug/l	99
7) Trichlorofluoromethane	3.261	101	210647	22.084	ug/l	94
8) Diethyl Ether	3.709	74	62265	22.810	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	132954	21.910	ug/l	99
10) Methyl Iodide	4.297	142	106345	19.167	ug/l	98
11) Tert butyl alcohol	5.226	59	33031	108.279	ug/l	97
12) 1,1-Dichloroethene	4.061	96	119886	21.505	ug/l	93
13) Acrolein	3.920	56	26267	74.753	ug/l	99
14) Allyl chloride	4.708	41	182799	21.976	ug/l	98
15) Acrylonitrile	5.414	53	143735	113.559	ug/l	99
16) Acetone	4.161	43	114700	112.815	ug/l	94
17) Carbon Disulfide	4.403	76	422827	20.978	ug/l	100
18) Methyl Acetate	4.714	43	75420	24.881	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	258172	22.314	ug/l	98
20) Methylene Chloride	4.961	84	234638	30.719	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	139010	21.467	ug/l	93
22) Diisopropyl ether	6.361	45	401265	22.936	ug/l	97
23) Vinyl Acetate	6.303	43	874426	110.288	ug/l	97
24) 1,1-Dichloroethane	6.261	63	265989	22.222	ug/l	97
25) 2-Butanone	7.214	43	162883	117.245	ug/l	98
26) 2,2-Dichloropropane	7.208	77	205405	22.040	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	152411	22.163	ug/l	99
28) Bromochloromethane	7.544	49	106573	24.467	ug/l	97
29) Tetrahydrofuran	7.561	42	107572	118.250	ug/l	98
30) Chloroform	7.708	83	269221	22.870	ug/l	91
31) Cyclohexane	7.979	56	233588	21.383	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	219572	22.321	ug/l	98
36) 1,1-Dichloropropene	8.108	75	198269	21.541	ug/l	99
37) Ethyl Acetate	7.291	43	80338	24.030	ug/l	98
38) Carbon Tetrachloride	8.091	117	187075	22.388	ug/l	91
39) Methylcyclohexane	9.355	83	221229	20.644	ug/l	95
40) Benzene	8.349	78	583740	21.866	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	32656m	18.067	ug/l	
42) 1,2-Dichloroethane	8.420	62	155520	22.730	ug/l	99
43) Isopropyl Acetate	8.449	43	142219	22.786	ug/l	99
44) Trichloroethene	9.108	130	136659	21.190	ug/l	94
45) 1,2-Dichloropropane	9.385	63	154447	22.272	ug/l	97
46) Dibromomethane	9.473	93	76394	22.681	ug/l	96
47) Bromodichloromethane	9.655	83	198317	22.758	ug/l	97
48) Methyl methacrylate	9.455	41	67792	22.777	ug/l	98
49) 1,4-Dioxane	9.455	88	17965	490.118	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	377893	116.440	ug/l	99
52) Toluene	10.396	92	356507	21.940	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	171383	22.204	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	212138	22.644	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	107373	22.500	ug/l	95
56) Ethyl methacrylate	10.655	69	118710	21.859	ug/l	98
57) 1,3-Dichloropropane	10.943	76	185439	22.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	318724	111.274	ug/l	100
59) 2-Hexanone	10.979	43	254250	116.980	ug/l	96
60) Dibromochloromethane	11.138	129	123116	22.521	ug/l	97
61) 1,2-Dibromoethane	11.238	107	99030	22.922	ug/l	97
64) Tetrachloroethene	10.873	164	110110	21.013	ug/l	97
65) Chlorobenzene	11.667	112	366817	21.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	132069	21.913	ug/l	99
67) Ethyl Benzene	11.738	91	645518	21.513	ug/l	100
68) m/p-Xylenes	11.849	106	504508	43.385	ug/l	100
69) o-Xylene	12.173	106	227051	21.640	ug/l	99
70) Styrene	12.185	104	406663	22.129	ug/l	100
71) Bromoform	12.355	173	65458	22.292	ug/l #	100
73) Isopropylbenzene	12.473	105	588604	20.824	ug/l	99
74) N-amyl acetate	12.279	43	132682	21.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	124949	22.155	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	66163m	16.832	ug/l	
77) Bromobenzene	12.755	156	133829	21.332	ug/l	96
78) n-propylbenzene	12.814	91	797358	21.874	ug/l	98
79) 2-Chlorotoluene	12.902	91	450093	21.461	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	519057	21.570	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	34401	22.716	ug/l	99
82) 4-Chlorotoluene	12.996	91	475193	21.639	ug/l	100
83) tert-Butylbenzene	13.214	119	411415	21.035	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	518197	21.709	ug/l	98
85) sec-Butylbenzene	13.390	105	663071	21.159	ug/l	99
86) p-Isopropyltoluene	13.508	119	537876	21.246	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	283342	21.257	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	283573	21.478	ug/l	99
89) n-Butylbenzene	13.832	91	526679	21.200	ug/l	98
90) Hexachloroethane	14.096	117	114591	21.449	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	243054	21.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	18397	21.838	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	133440	21.009	ug/l	99
94) Hexachlorobutadiene	15.249	225	76441	20.373	ug/l	98
95) Naphthalene	15.390	128	235545	20.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	119274	21.512	ug/l	97

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

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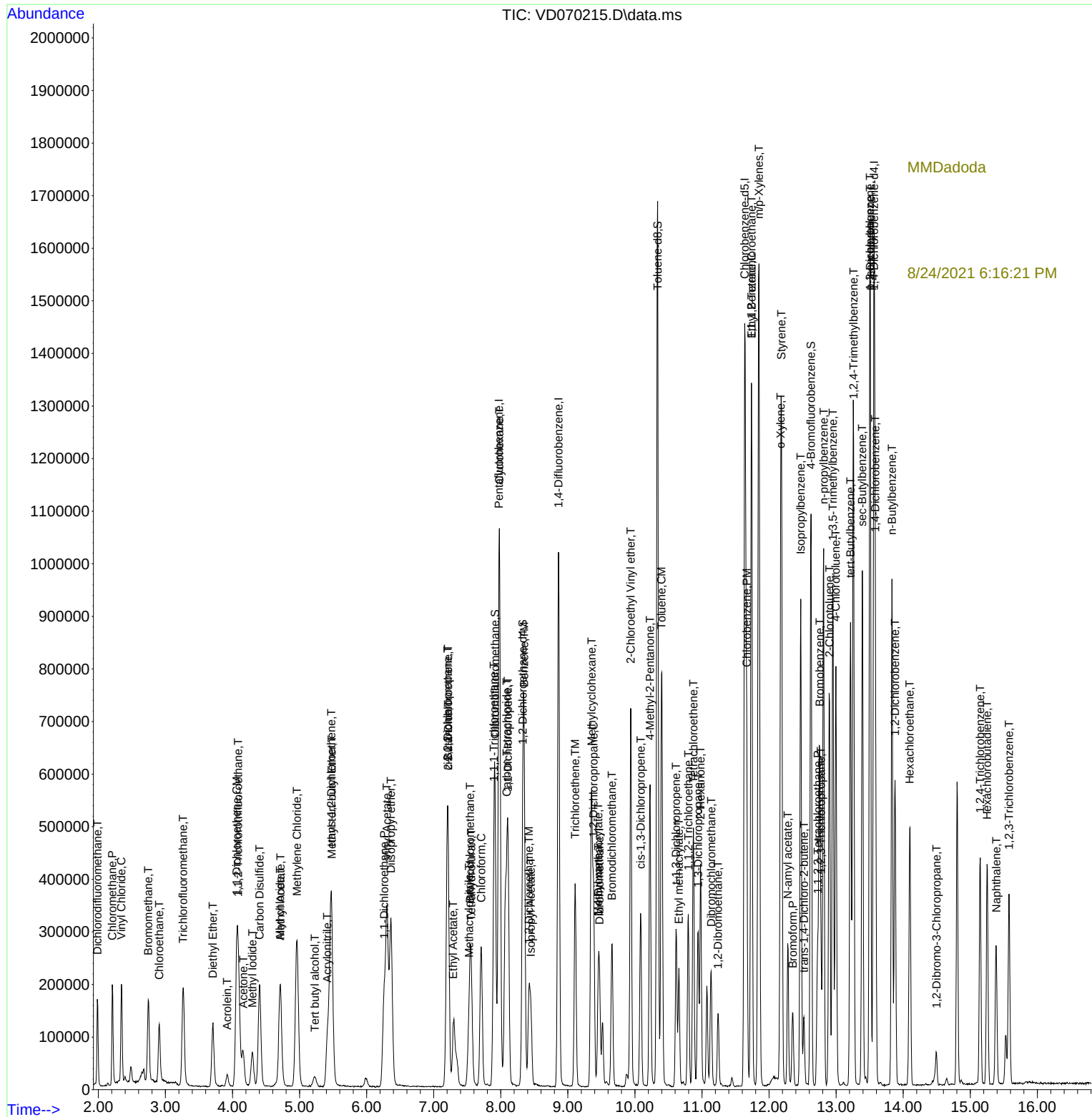
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