Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071400.D
Acq On : 20 Dec 2021 20:38
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 20 20:58:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 12/20/2021
Supervised By :Mahesh Dadoda 12/22/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	355838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	606093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	561006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	280748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	209582	50.195	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.400%			
35) Dibromofluoromethane	7.914	113	197743	51.235	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.460%			
50) Toluene-d8	10.337	98	670668	45.662	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.320%			
62) 4-Bromofluorobenzene	12.626	95	266036	52.254	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	123483	40.693	ug/l	100
3) Chloromethane	2.214	50	167496	41.723	ug/l	98
4) Vinyl Chloride	2.355	62	203216	45.373	ug/l	97
5) Bromomethane	2.773	94	143455	44.432	ug/l	100
6) Chloroethane	2.926	64	150679	48.914	ug/l #	88
7) Trichlorofluoromethane	3.279	101	303341	49.996	ug/l	89
8) Diethyl Ether	3.714	74	93667	56.946	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	184366	51.505	ug/l	97
10) Methyl Iodide	4.308	142	182191	44.350	ug/l	96
11) Tert butyl alcohol	5.214	59	71696	271.798	ug/l #	93
12) 1,1-Dichloroethene	4.079	96	155413	47.047	ug/l	85
13) Acrolein	3.926	56	80916	283.588	ug/l	100
14) Allyl chloride	4.720	41	319343	50.895	ug/l #	80
15) Acrylonitrile	5.420	53	245979	307.498	ug/l	96
16) Acetone	4.149	43	277590	250.326	ug/l	88
17) Carbon Disulfide	4.414	76	382070	39.504	ug/l	98
18) Methyl Acetate	4.714	43	172787	56.088	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	481314	59.453	ug/l #	76
20) Methylene Chloride	4.961	84	218939	52.142	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	183527	49.355	ug/l	86
22) Diisopropyl ether	6.367	45	731711	58.205	ug/l	95
23) Vinyl Acetate	6.308	43	1766070	258.719	ug/l	96
24) 1,1-Dichloroethane	6.267	63	401259	55.494	ug/l	100
25) 2-Butanone	7.208	43	331719	258.024	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	327333	49.784	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	228214	54.248	ug/l	91
28) Bromochloromethane	7.543	49	180315	57.414	ug/l	89
29) Tetrahydrofuran	7.561	42	198357	299.179	ug/l	95
30) Chloroform	7.708	83	415501	57.257	ug/l	97
31) Cyclohexane	7.985	56	339309	47.775	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	349367	53.623	ug/l	95
36) 1,1-Dichloropropene	8.114	75	282513	49.872	ug/l	97
37) Ethyl Acetate	7.296	43	140641	57.476	ug/l #	90
38) Carbon Tetrachloride	8.096	117	294733	52.782	ug/l	97
39) Methylcyclohexane	9.349	83	352034	51.668	ug/l	99
40) Benzene	8.349	78	806024	52.383	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.526	41	80858	64.209 ug/l #	88
42) 1,2-Dichloroethane	8.420	62	264027	56.214 ug/l	97
43) Isopropyl Acetate	8.449	43	300417	55.190 ug/l #	87
44) Trichloroethene	9.108	130	210536	51.318 ug/l	93
45) 1,2-Dichloropropane	9.379	63	227109	56.125 ug/l	96
46) Dibromomethane	9.467	93	118751	56.564 ug/l	95
47) Bromodichloromethane	9.661	83	322356	58.060 ug/l	99
48) Methyl methacrylate	9.455	41	151681	63.327 ug/l #	81
49) 1,4-Dioxane	9.455	88	24436	1205.784 ug/l #	83
51) 4-Methyl-2-Pentanone	10.220	43	760618	272.513 ug/l	90
52) Toluene	10.396	92	523436	53.615 ug/l	97
53) t-1,3-Dichloropropene	10.614	75	291320	57.069 ug/l	97
54) cis-1,3-Dichloropropene	10.084	75	343946	56.724 ug/l #	82
55) 1,1,2-Trichloroethane	10.796	97	165983	60.268 ug/l	96
56) Ethyl methacrylate	10.655	69	214071	53.516 ug/l #	76
57) 1,3-Dichloropropane	10.937	76	284226	58.747 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.937	63	522644	278.876 ug/l	98
59) 2-Hexanone	10.979	43	543465	259.818 ug/l	87
60) Dibromochloromethane	11.131	129	208732	60.981 ug/l	97
61) 1,2-Dibromoethane	11.237	107	153664	58.095 ug/l	99
64) Tetrachloroethene	10.873	164	173997	48.854 ug/l	96
65) Chlorobenzene	11.667	112	558500	53.655 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	220891	58.120 ug/l	97
67) Ethyl Benzene	11.737	91	1048957	53.531 ug/l	99
68) m/p-Xylenes	11.843	106	782156	105.727 ug/l	94
69) o-Xylene	12.173	106	370889	53.342 ug/l	94
70) Styrene	12.184	104	654436	55.846 ug/l	96
71) Bromoform	12.349	173	116087	58.959 ug/l #	100
73) Isopropylbenzene	12.473	105	1025086	50.426 ug/l	98
74) N-amyl acetate	12.278	43	274091	49.333 ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	186522	55.717 ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	131046m	48.992 ug/l	
77) Bromobenzene	12.749	156	224853	51.067 ug/l	97
78) n-propylbenzene	12.814	91	1255146	49.580 ug/l	100
79) 2-Chlorotoluene	12.896	91	718733	50.584 ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	849860	50.698 ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	52387	46.292 ug/l #	74
82) 4-Chlorotoluene	12.996	91	733407	49.719 ug/l	100
83) tert-Butylbenzene	13.214	119	733013	50.917 ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	842898	51.503 ug/l	97
85) sec-Butylbenzene	13.390	105	1104855	50.248 ug/l	99
86) p-Isopropyltoluene	13.502	119	919850	51.148 ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	452725	51.651 ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	435721	50.175 ug/l	96
89) n-Butylbenzene	13.831	91	907998	51.721 ug/l	99
90) Hexachloroethane	14.096	117	175991	51.623 ug/l	92
91) 1,2-Dichlorobenzene	13.878	146	396250	53.160 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	31108	57.061 ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	245267	52.751 ug/l	98
94) Hexachlorobutadiene	15.249	225	130419	49.575 ug/l	98
95) Naphthalene	15.384	128	461881	56.352 ug/l	100
96) 1,2,3-Trichlorobenzene	15.578	180	209752	53.115 ug/l	98

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

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

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Instrument :
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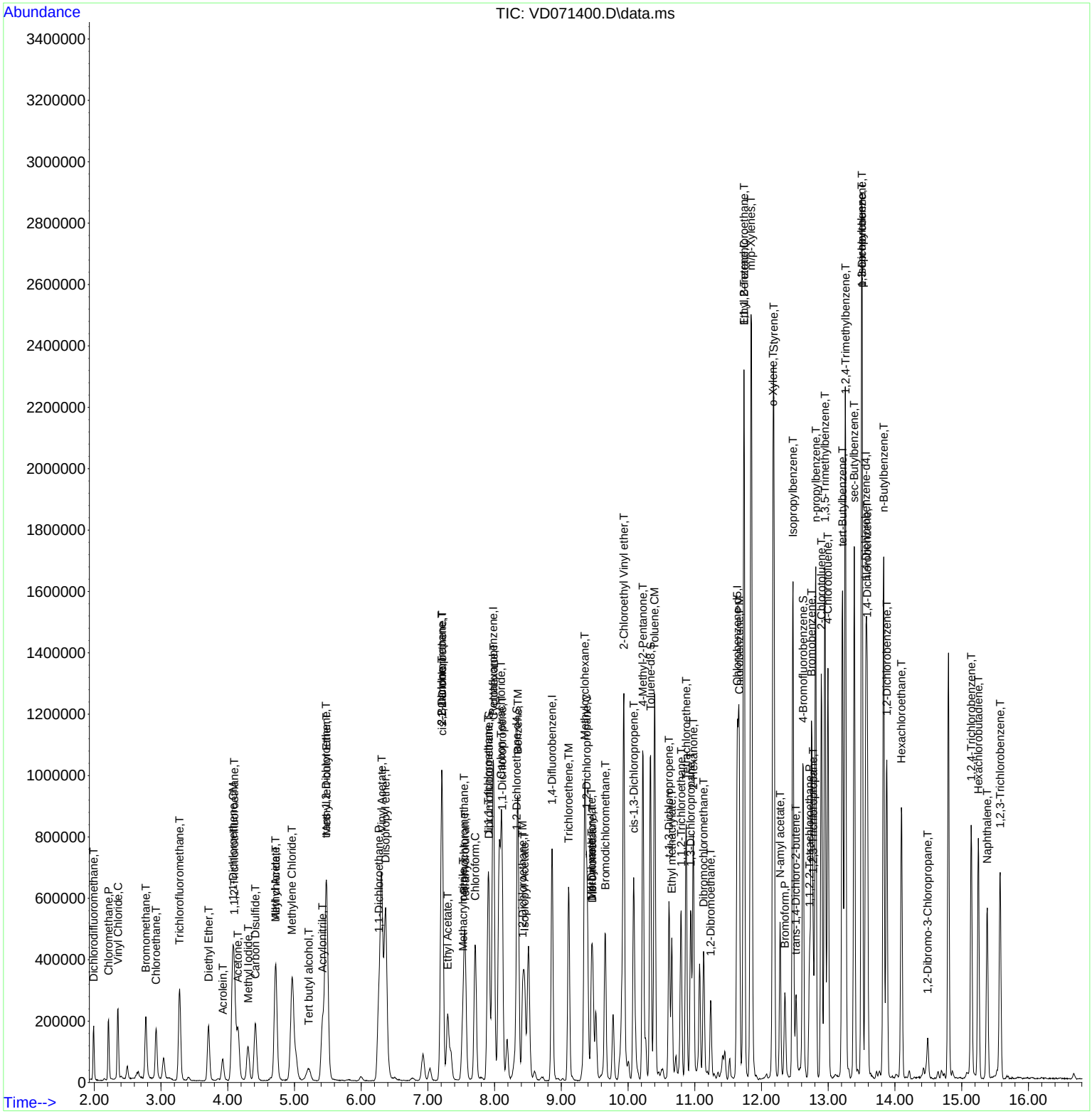
VSTDCCC050EC

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