Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
Data File : VY004112.D
Acq On : 18 Mar 2021 10:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 19 01:40:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	202441	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	317606	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	283465	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143448	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	97255	48.68	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.36%				
35) Dibromofluoromethane	7.728	113	95273	53.19	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.38%				
50) Toluene-d8	10.185	98	356470	50.77	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.54%				
62) 4-Bromofluorobenzene	12.483	95	129419	49.91	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	59410	41.69	ug/l		98
3) Chloromethane	2.119	50	86756	44.20	ug/l		99
4) Vinyl Chloride	2.259	62	104962	42.90	ug/l		99
5) Bromomethane	2.662	94	70472	45.09	ug/l		96
6) Chloroethane	2.802	64	68514	45.98	ug/l		98
7) Trichlorofluoromethane	3.137	101	151794	46.68	ug/l		99
8) Diethyl Ether	3.540	74	49341	47.34	ug/l		85
9) 1,1,2-Trichlorotrifluo...	3.912	101	87491	48.10	ug/l		97
10) Methyl Iodide	4.107	142	93978	50.56	ug/l		100
11) Tert butyl alcohol	4.966	59	38703	214.27	ug/l		96
12) 1,1-Dichloroethene	3.881	96	82051	46.10	ug/l		97
13) Acrolein	3.741	56	46160	257.62	ug/l		98
14) Allyl chloride	4.497	41	126845	43.09	ug/l	#	89
15) Acrylonitrile	5.180	53	119075	229.87	ug/l		98
16) Acetone	3.960	43	122174	253.36	ug/l		91
17) Carbon Disulfide	4.210	76	224943	42.98	ug/l		99
18) Methyl Acetate	4.491	43	54905	46.09	ug/l		92
19) Methyl tert-butyl Ether	5.234	73	243819	48.11	ug/l		98
20) Methylene Chloride	4.728	84	96908	49.96	ug/l		93
21) trans-1,2-Dichloroethene	5.234	96	94544	47.28	ug/l		95
22) Diisopropyl ether	6.131	45	279777	45.03	ug/l	#	94
23) Vinyl Acetate	6.070	43	909370	222.31	ug/l		95
24) 1,1-Dichloroethane	6.033	63	163125	47.28	ug/l		99
25) 2-Butanone	6.996	43	160404	230.75	ug/l	#	88
26) 2,2-Dichloropropane	6.990	77	157030	47.65	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	110616	48.59	ug/l		93
28) Bromochloromethane	7.344	49	73902	49.05	ug/l		86
29) Tetrahydrofuran	7.356	42	96923	214.63	ug/l		91
30) Chloroform	7.515	83	176662	49.42	ug/l		99
31) Cyclohexane	7.795	56	143392	40.92	ug/l		88
32) 1,1,1-Trichloroethane	7.710	97	163192	49.20	ug/l		98
36) 1,1-Dichloropropene	7.923	75	132091	47.34	ug/l		97
37) Ethyl Acetate	7.088	43	66782	44.43	ug/l		98
38) Carbon Tetrachloride	7.905	117	148379	50.12	ug/l		99
39) Methylcyclohexane	9.185	83	165348	45.88	ug/l		90
40) Benzene	8.167	78	378776	48.19	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.344	41	51895m	55.72	ug/l		
42) 1,2-Dichloroethane	8.246	62	116697	48.57	ug/l		97
43) Isopropyl Acetate	8.277	43	133507	44.26	ug/l		96
44) Trichloroethene	8.947	130	117585	51.66	ug/l		98
45) 1,2-Dichloropropane	9.222	63	95608	48.72	ug/l		99
46) Dibromomethane	9.313	93	56898	50.71	ug/l		96
47) Bromodichloromethane	9.502	83	138538	49.46	ug/l		99
48) Methyl methacrylate	9.295	41	63547	44.34	ug/l		89
49) 1,4-Dioxane	9.307	88	13887	972.30	ug/l		88
51) 4-Methyl-2-Pentanone	10.075	43	342731	224.39	ug/l		96
52) Toluene	10.246	92	250259	49.16	ug/l		96
53) t-1,3-Dichloropropene	10.471	75	142732	48.30	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	161835	48.88	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	79551	50.42	ug/l		96
56) Ethyl methacrylate	10.514	69	103880	47.10	ug/l		91
57) 1,3-Dichloropropane	10.794	76	132504	49.04	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	203711	234.91	ug/l		92
59) 2-Hexanone	10.837	43	242770	226.23	ug/l		96
60) Dibromochloromethane	10.990	129	102888	51.94	ug/l		100
61) 1,2-Dibromoethane	11.093	107	76276	49.64	ug/l		99
64) Tetrachloroethene	10.721	164	130601	55.04	ug/l		96
65) Chlorobenzene	11.520	112	273020	50.26	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	104757	51.55	ug/l		99
67) Ethyl Benzene	11.593	91	491280	49.26	ug/l		98
68) m/p-Xylenes	11.703	106	379363	99.74	ug/l		94
69) o-Xylene	12.032	106	179552	49.94	ug/l		94
70) Styrene	12.044	104	306197	49.73	ug/l		97
71) Bromoform	12.209	173	63204	51.98	ug/l	#	100
73) Isopropylbenzene	12.331	105	490112	49.16	ug/l		98
74) N-amyl acetate	12.148	43	123385	43.21	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	76911	44.41	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	60458m	43.96	ug/l		
77) Bromobenzene	12.611	156	118187	51.31	ug/l		96
78) n-propylbenzene	12.672	91	570853	48.60	ug/l		97
79) 2-Chlorotoluene	12.757	91	316936	48.06	ug/l		96
80) 1,3,5-Trimethylbenzene	12.812	105	413652	48.92	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	32249	46.27	ug/l		98
82) 4-Chlorotoluene	12.855	91	333384	47.77	ug/l		96
83) tert-Butylbenzene	13.075	119	364070	50.04	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	418031	49.36	ug/l		97
85) sec-Butylbenzene	13.257	105	496880	49.53	ug/l		99
86) p-Isopropyltoluene	13.373	119	463637	49.85	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	225514	50.72	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	225639	50.85	ug/l		100
89) n-Butylbenzene	13.696	91	426015	48.13	ug/l		99
90) Hexachloroethane	13.965	117	82675	49.47	ug/l		86
91) 1,2-Dichlorobenzene	13.739	146	201897	51.20	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14757	45.10	ug/l		89
93) 1,2,4-Trichlorobenzene	15.007	180	135612	50.71	ug/l		98
94) Hexachlorobutadiene	15.111	225	74820	49.90	ug/l		100
95) Naphthalene	15.239	128	262199	49.48	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	114573	50.95	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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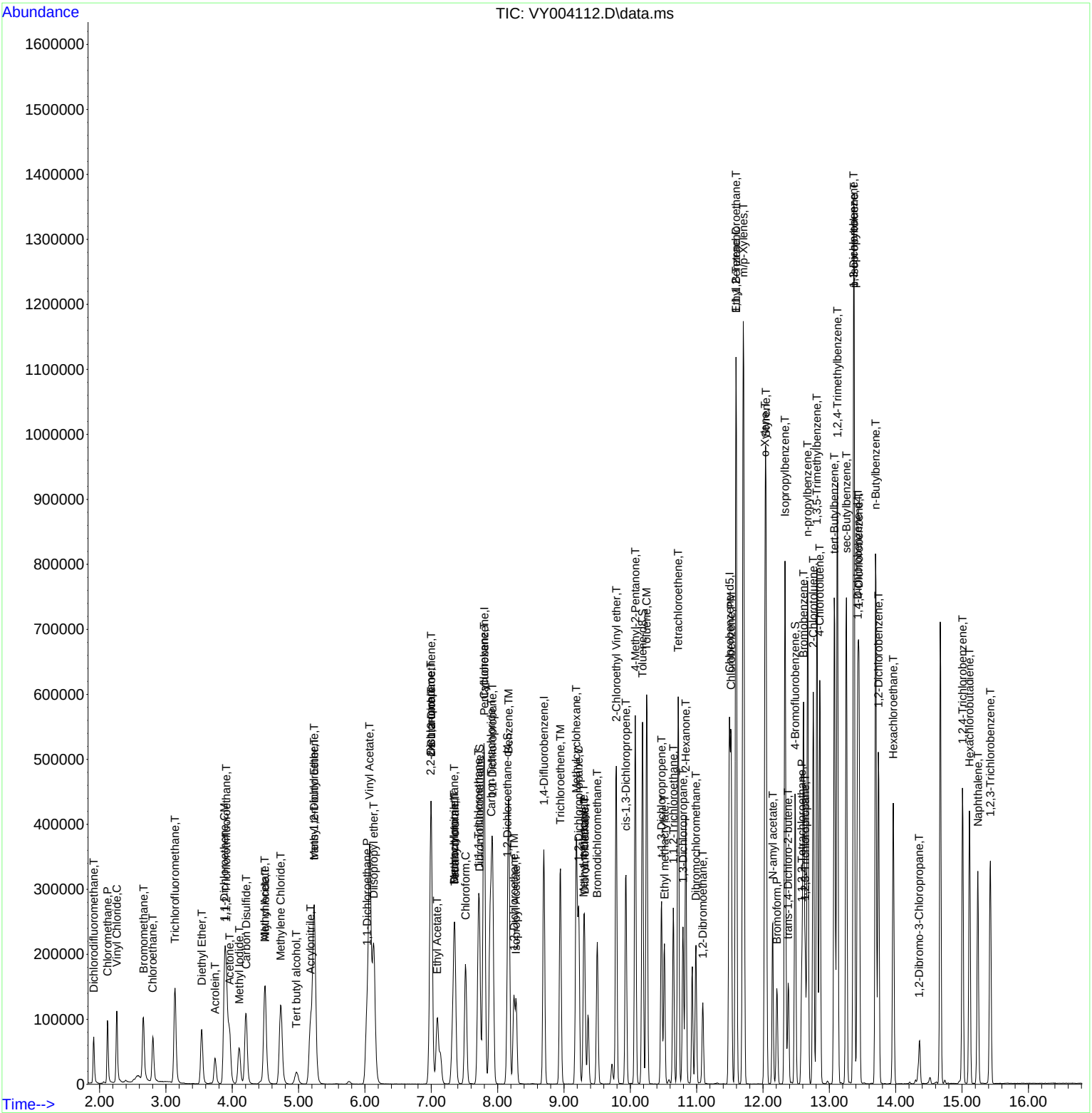
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