Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
Data File : VY011961.D
Acq On : 21 Dec 2022 20:51
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 22 00:15:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	201602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109786	54.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.100%			
35) Dibromofluoromethane	7.715	113	99759	52.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.660%			
50) Toluene-d8	10.178	98	403330	52.646	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.483	95	137547	53.383	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	68490	42.960	ug/l	99
3) Chloromethane	2.113	50	77548	43.220	ug/l	97
4) Vinyl Chloride	2.253	62	82943	41.917	ug/l	100
5) Bromomethane	2.649	94	61839	43.927	ug/l	93
6) Chloroethane	2.796	64	55704	43.068	ug/l	96
7) Trichlorofluoromethane	3.131	101	149624	43.196	ug/l	98
8) Diethyl Ether	3.533	74	51052	47.767	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	81921	42.962	ug/l	98
10) Methyl Iodide	4.094	142	118188	44.798	ug/l	97
11) Tert butyl alcohol	4.948	59	48151	240.579	ug/l	100
12) 1,1-Dichloroethene	3.875	96	82902	43.464	ug/l	98
13) Acrolein	3.734	56	44809	236.004	ug/l	100
14) Allyl chloride	4.484	41	125380	44.637	ug/l	96
15) Acrylonitrile	5.161	53	126832	255.109	ug/l	100
16) Acetone	3.948	43	112716	187.129	ug/l	98
17) Carbon Disulfide	4.198	76	260976	42.893	ug/l	99
18) Methyl Acetate	4.478	43	68437	48.763	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	245781	50.221	ug/l	100
20) Methylene Chloride	4.716	84	112857	48.058	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	98549	45.472	ug/l	96
22) Diisopropyl ether	6.118	45	269840	48.777	ug/l	98
23) Vinyl Acetate	6.057	43	807610	253.741	ug/l	98
24) 1,1-Dichloroethane	6.021	63	164128	45.643	ug/l	99
25) 2-Butanone	6.984	43	158853	234.790	ug/l	95
26) 2,2-Dichloropropane	6.984	77	146760	41.708	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	109723	46.809	ug/l	98
28) Bromochloromethane	7.338	49	51942	52.638	ug/l	93
29) Tetrahydrofuran	7.350	42	100969	263.399	ug/l	95
30) Chloroform	7.508	83	181254	46.765	ug/l	98
31) Cyclohexane	7.789	56	140355	41.049	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	164186	44.537	ug/l	98
36) 1,1-Dichloropropene	7.917	75	131110	43.287	ug/l	99
37) Ethyl Acetate	7.069	43	67444	49.631	ug/l	97
38) Carbon Tetrachloride	7.898	117	151970	43.444	ug/l	96
39) Methylcyclohexane	9.185	83	157529	43.223	ug/l	98
40) Benzene	8.161	78	392065	45.232	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	35081m	53.386	ug/l	
42) 1,2-Dichloroethane	8.234	62	118297	47.408	ug/l	99
43) Isopropyl Acetate	8.270	43	124329	50.096	ug/l	98
44) Trichloroethene	8.941	130	108881	44.565	ug/l	99
45) 1,2-Dichloropropane	9.215	63	92162	46.018	ug/l	98
46) Dibromomethane	9.307	93	55433	48.052	ug/l	100
47) Bromodichloromethane	9.496	83	137634	47.027	ug/l	98
48) Methyl methacrylate	9.294	41	58186	50.635	ug/l	96
49) 1,4-Dioxane	9.294	88	15372	1116.065	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	348148	263.077	ug/l	99
52) Toluene	10.246	92	255262	46.222	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	141175	47.738	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	157523	47.387	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	78313	47.838	ug/l	99
56) Ethyl methacrylate	10.508	69	107139	51.691	ug/l	97
57) 1,3-Dichloropropane	10.788	76	133172	48.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	218097	272.690	ug/l	98
59) 2-Hexanone	10.831	43	246631	253.326	ug/l	98
60) Dibromochloromethane	10.983	129	101085	49.016	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75173	49.082	ug/l	99
64) Tetrachloroethene	10.721	164	114675	44.495	ug/l	97
65) Chlorobenzene	11.514	112	272804	44.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	103544	45.521	ug/l	99
67) Ethyl Benzene	11.593	91	486668	44.038	ug/l	100
68) m/p-Xylenes	11.703	106	385302	89.650	ug/l	99
69) o-Xylene	12.032	106	182486	45.634	ug/l	98
70) Styrene	12.044	104	310630	46.263	ug/l	100
71) Bromoform	12.209	173	65398	48.520	ug/l	99
73) Isopropylbenzene	12.331	105	480808	43.256	ug/l	99
74) N-amyl acetate	12.142	43	110661	48.561	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	87285	47.071	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	71079m	38.135	ug/l	
77) Bromobenzene	12.611	156	114934	44.695	ug/l	98
78) n-propylbenzene	12.672	91	573390	42.916	ug/l	99
79) 2-Chlorotoluene	12.757	91	328859	43.788	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	419512	44.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	31545	46.347	ug/l	98
82) 4-Chlorotoluene	12.855	91	341111	43.897	ug/l	100
83) tert-Butylbenzene	13.074	119	353614	43.844	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	414155	44.237	ug/l	99
85) sec-Butylbenzene	13.251	105	519633	43.147	ug/l	99
86) p-Isopropyltoluene	13.367	119	447080	43.995	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	227032	43.900	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	224103	43.589	ug/l	100
89) n-Butylbenzene	13.696	91	396674	43.120	ug/l	99
90) Hexachloroethane	13.958	117	84348	43.501	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	202457	44.904	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15523	48.711	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	123502	46.566	ug/l	98
94) Hexachlorobutadiene	15.110	225	75415	44.006	ug/l	98
95) Naphthalene	15.232	128	251041	45.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	108355	48.322	ug/l	99

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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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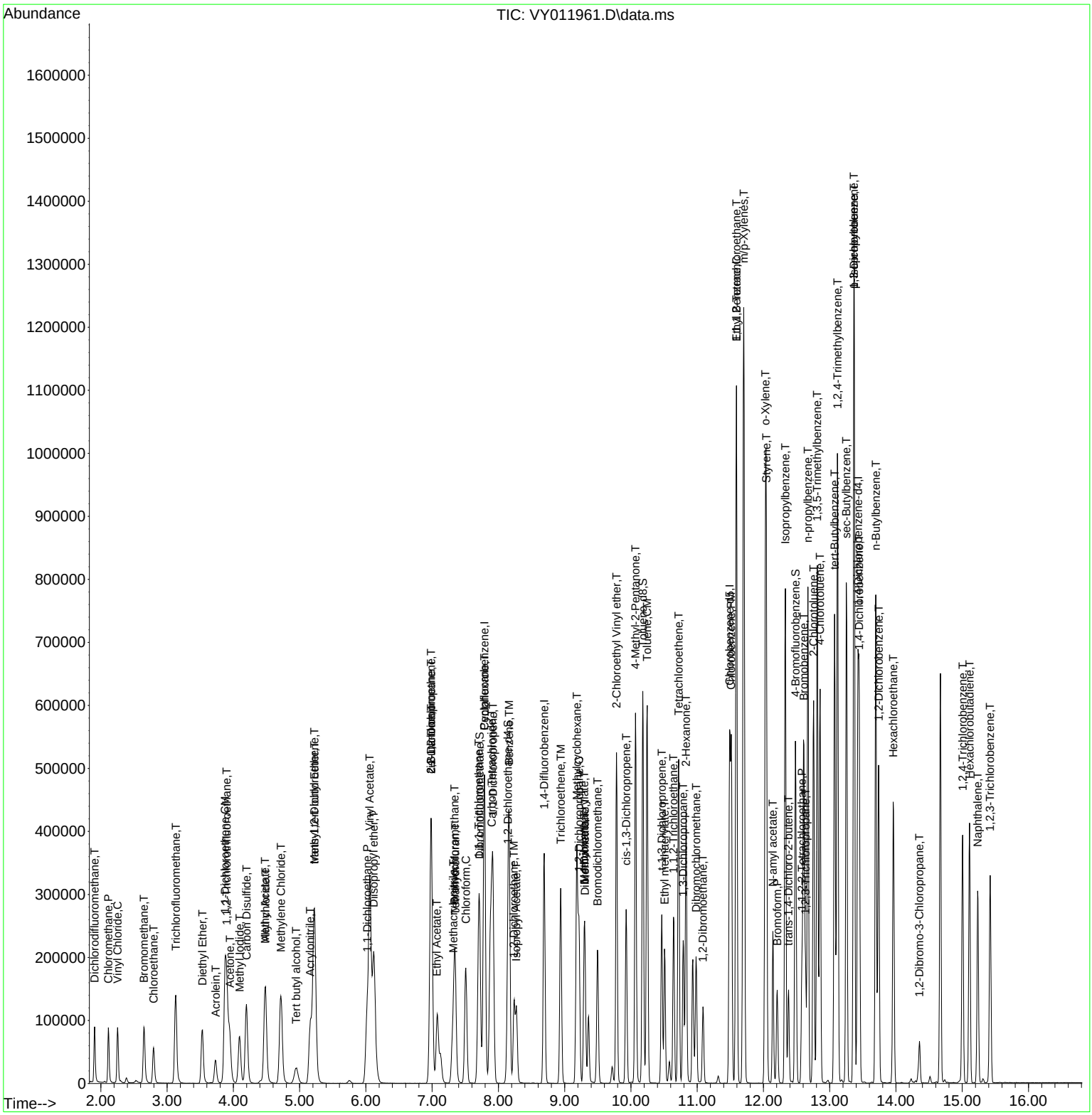
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