Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
Data File : VY019756.D
Acq On : 02 Oct 2024 09:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 03 01:57:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2024
Supervised By :Mahesh Dadoda 10/03/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.707	168	313908	50.000 ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	532797	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.414	117	452211	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	212843	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.061	65	168508	57.972 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.940%		
35) Dibromofluoromethane	7.634	113	170121	56.315 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.640%		
50) Toluene-d8	10.103	98	613233	54.883 ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.760%		
62) 4-Bromofluorobenzene	12.401	95	227659	52.990 ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.980%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	69359	39.572 ug/l	99
3) Chloromethane	2.068	50	113239	43.601 ug/l	100
4) Vinyl Chloride	2.202	62	136406	48.572 ug/l	98
5) Bromomethane	2.598	94	94754	54.929 ug/l	100
6) Chloroethane	2.739	64	97085	52.882 ug/l	98
7) Trichlorofluoromethane	3.062	101	231730	49.500 ug/l	97
8) Diethyl Ether	3.458	74	76353	48.589 ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.818	101	143011	49.383 ug/l	96
10) Methyl Iodide	4.007	142	152976	41.201 ug/l	93
11) Tert butyl alcohol	4.878	59	67323	286.797 ug/l #	80
12) 1,1-Dichloroethene	3.787	96	132965	47.742 ug/l	86
13) Acrolein	3.659	56	12867	105.582 ug/l	96
14) Allyl chloride	4.385	41	237579	47.569 ug/l #	90
15) Acrylonitrile	5.067	53	173775	256.470 ug/l	99
16) Acetone	3.879	43	203457	293.808 ug/l #	84
17) Carbon Disulfide	4.110	76	322647	42.878 ug/l	99
18) Methyl Acetate	4.391	43	93607	49.811 ug/l	94
19) Methyl tert-butyl Ether	5.122	73	394388	49.999 ug/l	99
20) Methylene Chloride	4.616	84	149346	47.290 ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	143982	47.166 ug/l	86
22) Diisopropyl ether	6.018	45	524477	51.138 ug/l	92
23) Vinyl Acetate	5.964	43	1485899	253.644 ug/l #	93
24) 1,1-Dichloroethane	5.915	63	294173	51.114 ug/l	97
25) 2-Butanone	6.896	43	264105	268.158 ug/l #	87
26) 2,2-Dichloropropane	6.884	77	348864	67.201 ug/l	85
27) cis-1,2-Dichloroethene	6.890	96	188149	50.740 ug/l	87
28) Bromochloromethane	7.244	49	148177	61.192 ug/l	82
29) Tetrahydrofuran	7.262	42	149666	249.932 ug/l #	85
30) Chloroform	7.421	83	310366	52.827 ug/l	99
31) Cyclohexane	7.701	56	236383	45.440 ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	273072	51.856 ug/l	96
36) 1,1-Dichloropropene	7.835	75	208116	50.630 ug/l	95
37) Ethyl Acetate	6.982	43	106810	50.714 ug/l	99
38) Carbon Tetrachloride	7.817	117	235024	50.702 ug/l	99
39) Methylcyclohexane	9.109	83	259996	47.529 ug/l	92
40) Benzene	8.079	78	633821	50.062 ug/l	98

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2024
Supervised By :Mahesh Dadoda 10/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	63411	51.650	ug/l	#	83
42) 1,2-Dichloroethane	8.158	62	181529	53.284	ug/l		95
43) Isopropyl Acetate	8.195	43	222801	50.353	ug/l	#	90
44) Trichloroethene	8.866	130	158772	48.762	ug/l		94
45) 1,2-Dichloropropane	9.140	63	155938	50.381	ug/l		96
46) Dibromomethane	9.231	93	87476	51.681	ug/l		94
47) Bromodichloromethane	9.420	83	239076	52.545	ug/l		97
48) Methyl methacrylate	9.219	41	100281	47.992	ug/l		85
49) 1,4-Dioxane	9.237	88	20493	1028.466	ug/l	#	82
51) 4-Methyl-2-Pentanone	9.999	43	575136	258.362	ug/l		92
52) Toluene	10.170	92	405999	49.861	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	333372	76.863	ug/l		89
54) cis-1,3-Dichloropropene	9.853	75	249042	49.312	ug/l	#	86
55) 1,1,2-Trichloroethane	10.573	97	118712	50.787	ug/l		95
56) Ethyl methacrylate	10.438	69	179259	50.485	ug/l	#	81
57) 1,3-Dichloropropane	10.719	76	205668	51.188	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	453643	275.270	ug/l		97
59) 2-Hexanone	10.762	43	414090	253.729	ug/l		89
60) Dibromochloromethane	10.908	129	159953	51.731	ug/l		100
61) 1,2-Dibromoethane	11.011	107	106196	48.761	ug/l		100
64) Tetrachloroethene	10.646	164	134882	48.167	ug/l		93
65) Chlorobenzene	11.438	112	448613	50.433	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.511	131	158679	51.522	ug/l		98
67) Ethyl Benzene	11.517	91	811866	51.366	ug/l		100
68) m/p-Xylenes	11.627	106	600567	100.490	ug/l		93
69) o-Xylene	11.950	106	291037	49.795	ug/l		93
70) Styrene	11.969	104	496421	50.306	ug/l		96
71) Bromoform	12.127	173	90374	51.375	ug/l	#	98
73) Isopropylbenzene	12.249	105	788586	51.071	ug/l		100
74) N-amyl acetate	12.066	43	207404	49.388	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.505	83	137658	50.227	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	95269m	47.755	ug/l		
77) Bromobenzene	12.529	156	169774	49.575	ug/l		90
78) n-propylbenzene	12.590	91	942480	51.496	ug/l		98
79) 2-Chlorotoluene	12.676	91	537473	50.392	ug/l		96
80) 1,3,5-Trimethylbenzene	12.731	105	634233	50.525	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	49604	47.733	ug/l		89
82) 4-Chlorotoluene	12.773	91	548637	50.034	ug/l		96
83) tert-Butylbenzene	12.993	119	576299	50.712	ug/l		95
84) 1,2,4-Trimethylbenzene	13.042	105	628571	50.586	ug/l		97
85) sec-Butylbenzene	13.170	105	840324	50.901	ug/l		100
86) p-Isopropyltoluene	13.292	119	688359	50.963	ug/l		97
87) 1,3-Dichlorobenzene	13.285	146	336801	50.613	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	329476	49.890	ug/l		97
89) n-Butylbenzene	13.615	91	659253	51.055	ug/l		99
90) Hexachloroethane	13.877	117	141205	50.243	ug/l		92
91) 1,2-Dichlorobenzene	13.657	146	296050	49.855	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	22136	48.461	ug/l		83
93) 1,2,4-Trichlorobenzene	14.913	180	168190	46.569	ug/l		97
94) Hexachlorobutadiene	15.017	225	91219	47.278	ug/l		98
95) Naphthalene	15.139	128	332827	46.017	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	142262	46.050	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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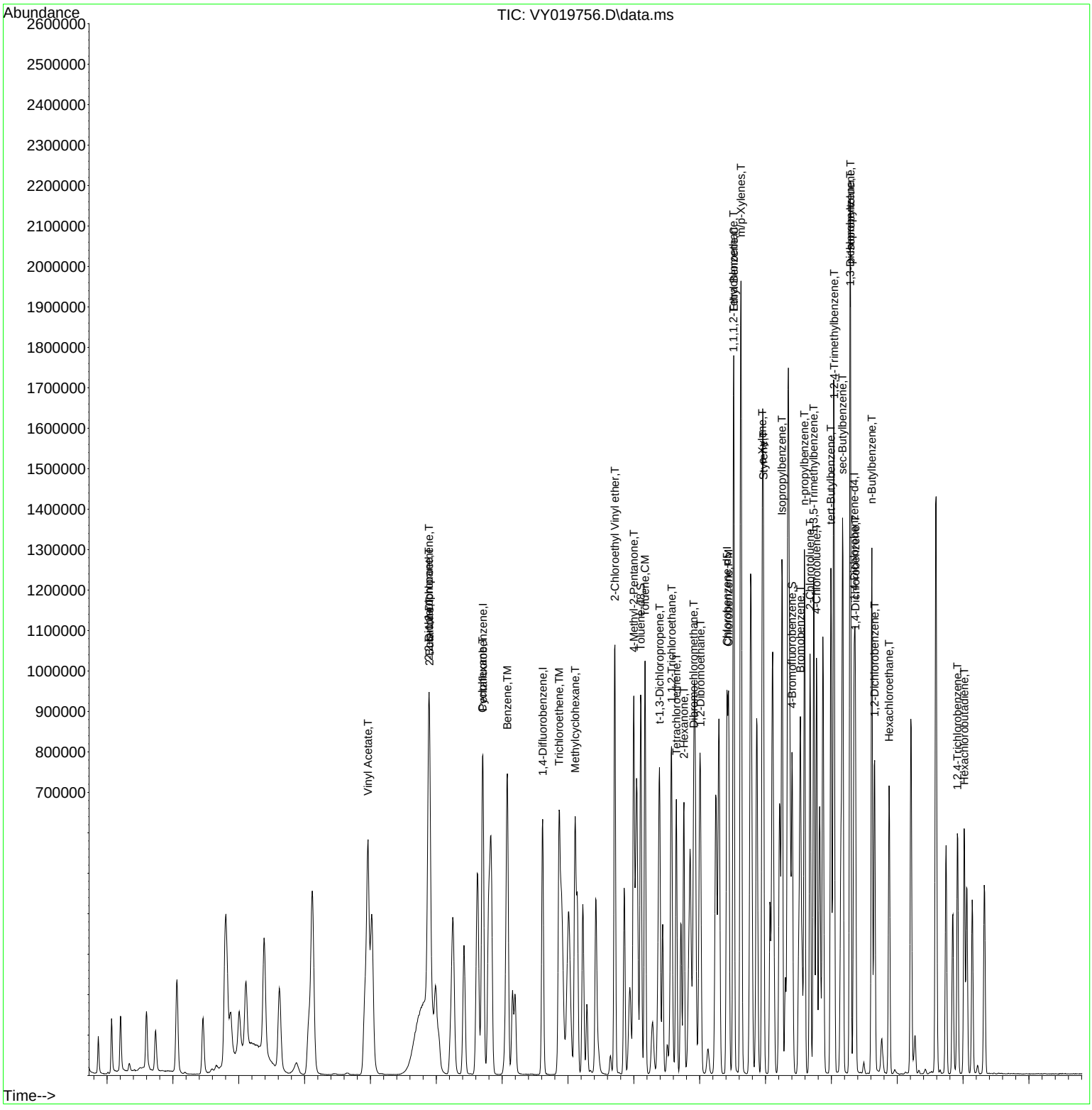
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