Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
Data File : VD078403.D
Acq On : 13 Feb 2024 14:24
Operator : RP/MD
Sample : VSTDICC150
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 14 00:51:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 00:36:44 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/14/2024
Supervised By :Semsettin Yesilyurt 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	193054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	318823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	314986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	167289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	305593	146.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 292.800%#			
35) Dibromofluoromethane	7.810	113	330310	163.098	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 326.200%#			
50) Toluene-d8	10.269	98	1360710	167.960	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 335.920%#			
62) 4-Bromofluorobenzene	12.574	95	415550	176.263	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 352.520%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	271142	142.546	ug/l	99
3) Chloromethane	2.151	50	458530	131.171	ug/l	98
4) Vinyl Chloride	2.281	62	720787	135.127	ug/l	99
5) Bromomethane	2.669	94	612299	166.299	ug/l	98
6) Chloroethane	2.828	64	531458	136.634	ug/l	100
7) Trichlorofluoromethane	3.169	101	480268	133.471	ug/l	98
8) Diethyl Ether	3.593	74	154040	148.626	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	295597	130.219	ug/l	97
10) Methyl Iodide	4.163	142	335665	165.097	ug/l	93
11) Tert butyl alcohol	5.063	59	86604	777.417	ug/l	99
12) 1,1-Dichloroethene	3.940	96	295836	140.570	ug/l	84
13) Acrolein	3.798	56	133254	691.012	ug/l	98
14) Allyl chloride	4.563	41	362611	139.471	ug/l	92
15) Acrylonitrile	5.263	53	322889	727.757	ug/l	98
16) Acetone	4.028	43	261041	751.582	ug/l	88
17) Carbon Disulfide	4.269	76	944543	133.380	ug/l	100
18) Methyl Acetate	4.563	43	251660	150.091	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	701913	156.980	ug/l	100
20) Methylene Chloride	4.804	84	345747	152.555	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	362007	146.218	ug/l	98
22) Diisopropyl ether	6.222	45	818845	142.897	ug/l	99
23) Vinyl Acetate	6.157	43	1740316	729.261	ug/l	95
24) 1,1-Dichloroethane	6.116	63	561726	138.377	ug/l	99
25) 2-Butanone	7.086	43	386139	762.199	ug/l	93
26) 2,2-Dichloropropane	7.081	77	469672	138.017	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	403472	148.536	ug/l	97
28) Bromochloromethane	7.428	49	211225	131.372	ug/l	88
29) Tetrahydrofuran	7.445	42	230494	742.504	ug/l	95
30) Chloroform	7.598	83	601054	139.943	ug/l	99
31) Cyclohexane	7.881	56	460381	130.382	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	519429	141.847	ug/l	98
36) 1,1-Dichloropropene	8.010	75	472129	150.066	ug/l	97
37) Ethyl Acetate	7.169	43	162839	147.650	ug/l	97
38) Carbon Tetrachloride	7.992	117	472535	151.662	ug/l	97
39) Methylcyclohexane	9.275	83	584211	156.416	ug/l	97
40) Benzene	8.251	78	1415670	155.675	ug/l	99

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.398	41	94900	165.340 ug/l	#	91
42) 1,2-Dichloroethane	8.328	62	350650	149.023 ug/l		97
43) Isopropyl Acetate	8.363	43	317838	155.633 ug/l		94
44) Trichloroethene	9.028	130	358423	154.495 ug/l		92
45) 1,2-Dichloropropane	9.310	63	337178	151.120 ug/l		100
46) Dibromomethane	9.392	93	195534	155.807 ug/l		93
47) Bromodichloromethane	9.586	83	476699	153.359 ug/l		98
48) Methyl methacrylate	9.380	41	183060	168.956 ug/l		87
49) 1,4-Dioxane	9.386	88	45133	3320.829 ug/l		93
51) 4-Methyl-2-Pentanone	10.163	43	837705	772.853 ug/l		96
52) Toluene	10.333	92	946223	164.540 ug/l		98
53) t-1,3-Dichloropropene	10.557	75	462309	162.998 ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	547281	159.128 ug/l	#	92
55) 1,1,2-Trichloroethane	10.733	97	269642	159.546 ug/l		97
56) Ethyl methacrylate	10.598	69	237772	152.119 ug/l		96
57) 1,3-Dichloropropane	10.880	76	449820	156.464 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	780770	848.007 ug/l		97
59) 2-Hexanone	10.922	43	591897	726.635 ug/l		96
60) Dibromochloromethane	11.075	129	339940	167.175 ug/l		97
61) 1,2-Dibromoethane	11.180	107	262826	165.649 ug/l		99
64) Tetrachloroethene	10.810	164	305780	153.694 ug/l		95
65) Chlorobenzene	11.610	112	996013	157.287 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.680	131	381279	163.839 ug/l		97
67) Ethyl Benzene	11.686	91	1860837	164.006 ug/l		98
68) m/p-Xylenes	11.792	106	1474339	333.128 ug/l		94
69) o-Xylene	12.122	106	683089	169.132 ug/l		94
70) Styrene	12.133	104	1045196	158.567 ug/l		97
71) Bromoform	12.298	173	199193	162.623 ug/l	#	99
73) Isopropylbenzene	12.422	105	1753728	156.119 ug/l		97
74) N-amyl acetate	12.233	43	294347	138.507 ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.674	83	309076	138.705 ug/l		100
76) 1,2,3-Trichloropropane	12.721	75	214562m	150.682 ug/l		
77) Bromobenzene	12.704	156	419858	159.038 ug/l		95
78) n-propylbenzene	12.763	91	2084763	148.924 ug/l		96
79) 2-Chlorotoluene	12.851	91	1120514	149.446 ug/l		97
80) 1,3,5-Trimethylbenzene	12.904	105	1457927	156.301 ug/l		97
81) trans-1,4-Dichloro-2-b...	12.469	75	96800	141.497 ug/l		98
82) 4-Chlorotoluene	12.951	91	1192175	148.047 ug/l		98
83) tert-Butylbenzene	13.169	119	1230694	156.446 ug/l		97
84) 1,2,4-Trimethylbenzene	13.216	105	1521759	160.749 ug/l		97
85) sec-Butylbenzene	13.345	105	1799071	147.466 ug/l		97
86) p-Isopropyltoluene	13.463	119	1689455	162.585 ug/l		98
87) 1,3-Dichlorobenzene	13.463	146	880511	156.271 ug/l		98
88) 1,4-Dichlorobenzene	13.539	146	830807	150.065 ug/l		99
89) n-Butylbenzene	13.792	91	1486348	148.402 ug/l		99
90) Hexachloroethane	14.057	117	300193	140.558 ug/l		95
91) 1,2-Dichlorobenzene	13.833	146	734928	155.326 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	41182	141.145 ug/l		92
93) 1,2,4-Trichlorobenzene	15.104	180	444232	159.754 ug/l		98
94) Hexachlorobutadiene	15.204	225	213965	147.417 ug/l		100
95) Naphthalene	15.333	128	880678	170.755 ug/l		99
96) 1,2,3-Trichlorobenzene	15.521	180	396021	168.044 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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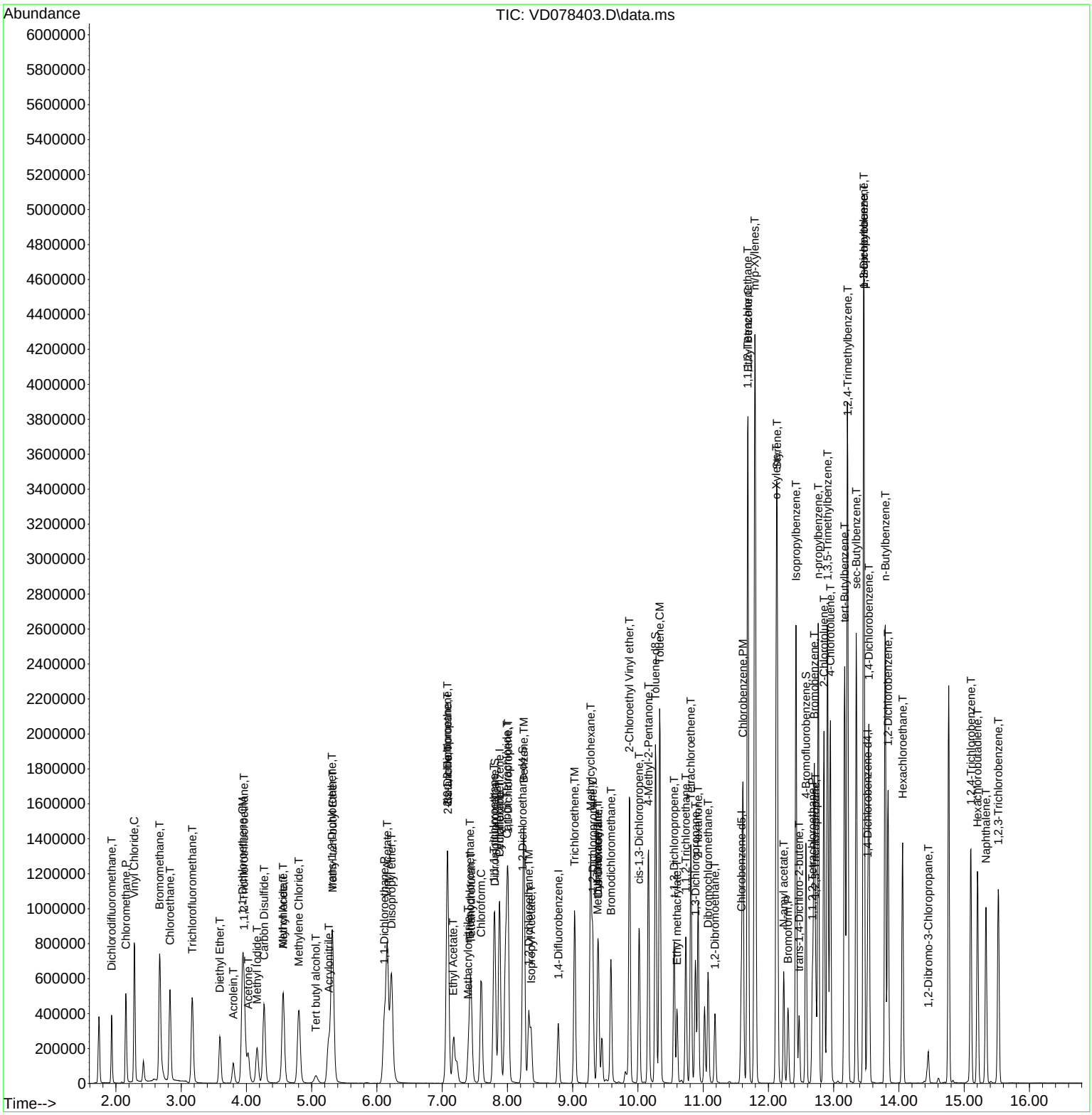
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