Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092518\
Data File : VN051484.D
Acq On : 25 Sep 2018 14:51
Operator : MD\SY
Sample : VN0925WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 26 03:05:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 26 01:19:41 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VN0925WBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	99727	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	530463	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	451314	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	205275	29.91	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.70%				
60) 4-Bromofluorobenzene	12.40	95	201257	30.37	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 101.23%				
63) Toluene-d8	10.09	98	668732	30.90	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	78550	18.391	ug/l		98
3) Chloromethane	2.06	50	145240	19.777	ug/l		100
4) Vinyl Chloride	2.18	62	159315	20.331	ug/l		98
5) Bromomethane	2.57	94	105568	20.613	ug/l		87
6) Chloroethane	2.70	64	103739	21.478	ug/l		95
7) Trichlorofluoromethane	3.01	101	216922	21.327	ug/l		93
8) Diethyl Ether	3.41	74	62330	20.382	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	108009	20.912	ug/l	#	39
10) 1,1-Dichloroethene	3.74	96	100934	21.454	ug/l		98
11) Methyl Iodide	3.95	142	138705	19.993	ug/l		95
12) Methyl Acetate	4.33	43	90220	21.818	ug/l		90
13) Acrolein	3.61	56	63087	114.414	ug/l		87
14) Acrylonitrile	5.00	53	185789	110.606	ug/l	#	62
15) Acetone	3.82	58	44963	108.685	ug/l		85
16) Carbon Disulfide	4.05	76	296942	19.899	ug/l		96
17) Allyl chloride	4.33	41	173255	20.861	ug/l		98
18) Methylene Chloride	4.55	84	124354	22.133	ug/l		95
19) trans-1,2-Dichloroethene	5.05	96	112163	22.024	ug/l		97
20) Diisopropyl ether	5.96	45	373573	22.654	ug/l	#	83
21) 1,1-Dichloroethane	5.85	63	220678	22.216	ug/l		96
22) cis-1,2-Dichloroethene	6.83	96	124987	21.932	ug/l		96
23) tert-Butyl Alcohol	4.79	59	34044	107.626	ug/l	#	100
24) Methyl tert-Butyl Ether	5.05	73	278728	21.752	ug/l	#	85
25) Chloroform	7.37	83	223403	22.549	ug/l		96
26) Cyclohexane	7.66	56	177805	21.025	ug/l		97
29) 1,1-Dichloropropene	7.79	75	159055	21.295	ug/l		99
30) 2-Butanone	6.84	43	208760	108.205	ug/l	#	99
31) 2,2-Dichloropropane	6.83	77	174968	21.962	ug/l	#	81
32) 1,1,1-Trichloroethane	7.57	97	188092	22.059	ug/l		98
33) Carbon Tetrachloride	7.78	117	168464	21.532	ug/l		92
34) Benzene	8.04	78	492365	22.204	ug/l	#	70
35) Methacrylonitrile	7.18	41	44630	16.053	ug/l		93
36) 1,2-Dichloroethane	8.13	62	156720	21.705	ug/l		97
37) Trichloroethene	8.84	130	126187	21.470	ug/l		98
38) Methylcyclohexane	9.08	83	174635	20.170	ug/l		95
39) 1,2-Dichloropropane	9.12	63	134409	22.281	ug/l		98
40) Dibromomethane	9.21	93	75723	22.055	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Bromodichloromethane	9.40	83	162406	21.515 ug/l		96
42) Vinyl Acetate	5.90	43	1191760	111.088 ug/l		99
43) Ethyl Acetate	6.93	43	82679	20.596 ug/l		96
44) Isopropyl Acetate	8.17	43	169223	21.918 ug/l		98
45) 1,4-Dioxane	9.20	88	20364	433.553 ug/l		91
46) Methyl methacrylate	9.20	41	82171	21.492 ug/l		94
47) n-amyl Acetate	12.07	43	122127	19.795 ug/l	#	69
48) t-1,3-Dichloropropene	10.38	75	156299	20.852 ug/l		96
49) cis-1,3-Dichloropropene	9.84	75	187177	21.573 ug/l		96
50) 1,1,2-Trichloroethane	10.56	97	108608	22.124 ug/l		94
51) Ethyl methacrylate	10.43	69	123000	21.171 ug/l		98
52) 1,3-Dichloropropane	10.71	76	182143	21.993 ug/l		98
53) Dibromochloromethane	10.90	129	121905	21.588 ug/l		96
54) 1,2-Dibromoethane	11.01	107	103568	21.865 ug/l		95
55) 2-Chloroethyl vinyl ether	9.70	63	308686	107.597 ug/l		99
56) Bromoform	12.13	173	81229	21.337 ug/l		96
58) 4-Methyl-2-Pentanone	9.99	43	469019	118.252 ug/l		96
59) 2-Hexanone	10.75	43	287015	109.949 ug/l		97
61) Tetrachloroethene	10.63	164	118896	22.644 ug/l		97
62) Toluene	10.16	91	519062	22.466 ug/l		99
64) Chlorobenzene	11.43	112	312300	22.047 ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.51	131	122282	22.328 ug/l		99
66) Ethyl Benzene	11.51	91	515598	21.632 ug/l		97
67) m/p-Xylenes	11.62	106	402338	43.847 ug/l		97
68) o-Xylene	11.95	106	193352	22.124 ug/l		95
69) Styrene	11.96	104	303810	22.007 ug/l		99
70) Isopropylbenzene	12.25	105	514849	22.012 ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.51	83	127509	23.159 ug/l		96
72) 1,2,3-Trichloropropane	12.55	75	113093m	26.048 ug/l		
73) Bromobenzene	12.53	156	127830	21.686 ug/l		96
74) n-propylbenzene	12.59	91	573388	21.087 ug/l		98
75) 2-Chlorotoluene	12.67	91	355248	22.138 ug/l		97
76) 1,3,5-Trimethylbenzene	12.73	105	430174	22.290 ug/l		100
77) t-1,4-Dichloro-2-butene	12.30	75	30197	20.167 ug/l		93
78) 4-Chlorotoluene	12.77	91	341707	21.470 ug/l		96
79) tert-butylbenzene	12.99	119	367183	21.852 ug/l		99
80) 1,2,4-Trimethylbenzene	13.04	105	428246	22.073 ug/l		98
81) sec-Butylbenzene	13.17	105	501797	21.709 ug/l		98
82) p-Isopropyltoluene	13.29	119	426026	21.351 ug/l		97
83) 1,3-Dichlorobenzene	13.28	146	221842	21.457 ug/l		98
84) 1,4-Dichlorobenzene	13.36	146	202411	20.845 ug/l		98
85) n-Butylbenzene	13.62	91	317066	19.353 ug/l		97
86) Hexachloroethane	13.88	117	85894	21.482 ug/l		96
87) 1,2-Dichlorobenzene	13.65	146	216746	22.114 ug/l		97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	17474	21.504 ug/l	#	92
89) 1,2,4-Trichlorobenzene	14.91	180	86178	17.652 ug/l		99
90) Hexachlorobutadiene	15.01	225	82521	21.810 ug/l		98
91) Naphthalene	15.13	128	146101	15.860 ug/l		98
92) 1,2,3-Trichlorobenzene	15.31	180	88854	18.029 ug/l		91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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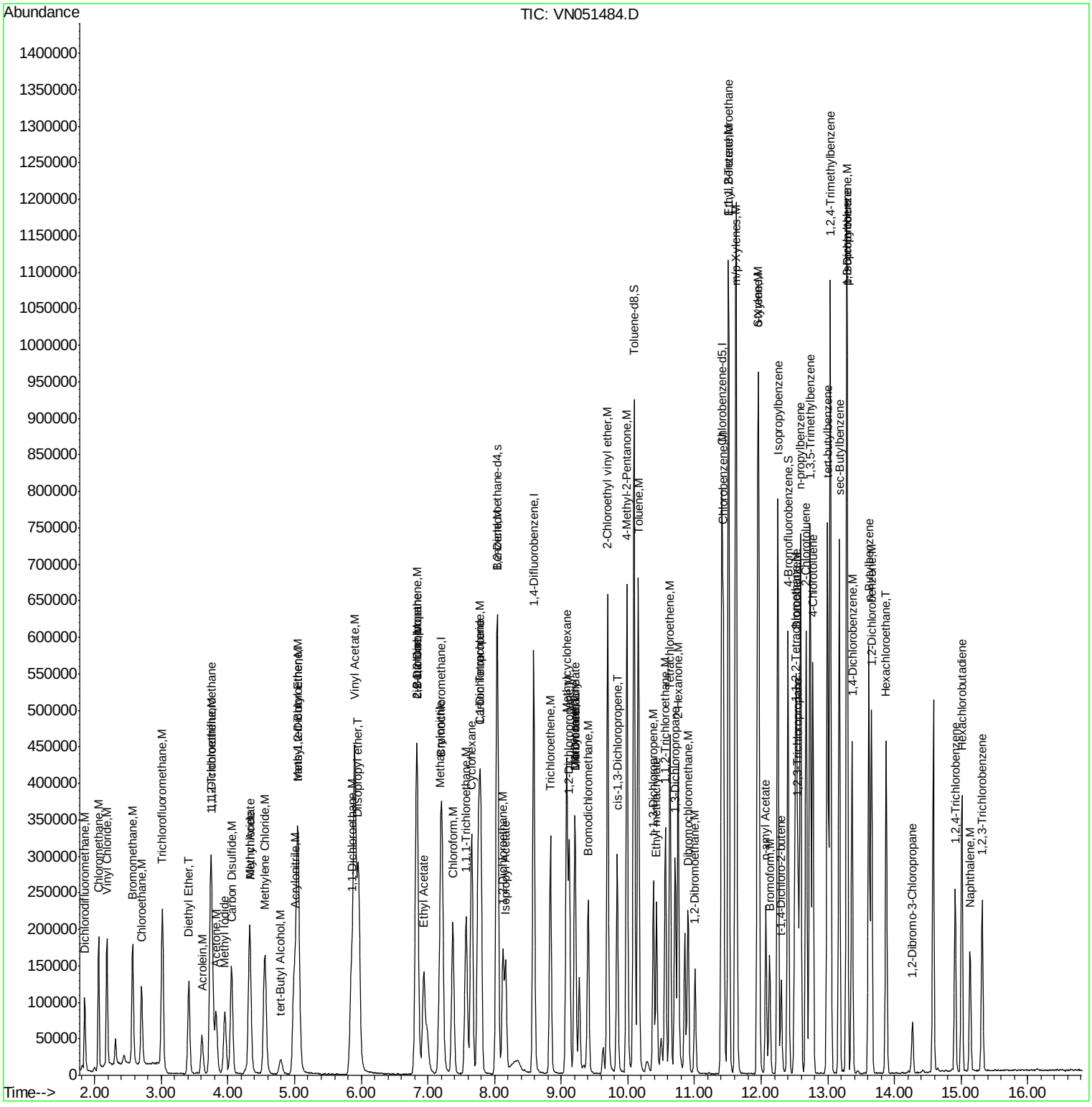
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