Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072418\
Data File : VN050021.D
Acq On : 24 Jul 2018 15:28
Operator : MD\SY
Sample : VN0724MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 24 17:00:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VN0724MBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	626236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	926012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	416105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427718	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
35) Dibromofluoromethane	7.59	113	380699	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.70%			
50) Toluene-d8	10.09	98	1385931	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
62) 4-Bromofluorobenzene	12.40	95	440309	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	193844	21.54	ug/l	100
3) Chloromethane	2.06	50	189968	19.42	ug/l	99
4) Vinyl Chloride	2.18	62	204568	19.86	ug/l	98
5) Bromomethane	2.56	94	119898	20.37	ug/l	99
6) Chloroethane	2.70	64	118814	19.21	ug/l	99
7) Trichlorofluoromethane	3.01	101	265224	19.88	ug/l	100
8) Diethyl Ether	3.41	74	85947	19.32	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	155467	19.38	ug/l	99
10) Methyl Iodide	3.95	142	186566	18.12	ug/l	100
11) Tert butyl alcohol	4.81	59	66042	102.73	ug/l	99
12) 1,1-Dichloroethene	3.73	96	137339	19.03	ug/l	94
13) Acrolein	3.61	56	47157	91.30	ug/l	95
14) Allyl chloride	4.32	41	214382	19.16	ug/l	98
15) Acrylonitrile	5.00	53	277272	98.86	ug/l	99
16) Acetone	3.82	43	236616	112.58	ug/l	100
17) Carbon Disulfide	4.05	76	414568	18.75	ug/l	100
18) Methyl Acetate	4.33	43	168855	20.12	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	386537	20.10	ug/l	98
20) Methylene Chloride	4.55	84	159539	19.84	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	148547	19.42	ug/l	96
22) Diisopropyl ether	5.96	45	457357	20.61	ug/l	97
23) Vinyl Acetate	5.90	43	1558607	99.39	ug/l	100
24) 1,1-Dichloroethane	5.85	63	284786	19.63	ug/l	99
25) 2-Butanone	6.85	43	348490	104.57	ug/l	99
26) 2,2-Dichloropropane	6.83	77	231346	20.96	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	162022	19.68	ug/l	99
28) Bromochloromethane	7.20	49	124048	18.74	ug/l	98
29) Tetrahydrofuran	7.22	42	220497	102.39	ug/l	100
30) Chloroform	7.37	83	290754	19.63	ug/l	100
31) Cyclohexane	7.66	56	237750	19.71	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	247594	19.55	ug/l	100
36) 1,1-Dichloropropene	7.80	75	209163	20.05	ug/l	99
37) Ethyl Acetate	6.94	43	150681	20.72	ug/l	98
38) Carbon Tetrachloride	7.78	117	214482	19.38	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	210713	19.63	ug/l		98
40) Benzene	8.04	78	637469	20.08	ug/l		99
41) Methacrylonitrile	7.18	41	70731	20.39	ug/l	#	86
42) 1,2-Dichloroethane	8.13	62	212572	20.07	ug/l		100
43) Isopropyl Acetate	8.17	43	270380	19.02	ug/l		99
44) Trichloroethene	8.84	130	165567	19.41	ug/l		97
45) 1,2-Dichloropropane	9.12	63	167336	19.90	ug/l		97
46) Dibromomethane	9.21	93	105453	20.20	ug/l		99
47) Bromodichloromethane	9.41	83	217119	19.70	ug/l		100
48) Methyl methacrylate	9.20	41	128825	20.56	ug/l		99
49) 1,4-Dioxane	9.20	88	36355	426.44	ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	749092	104.76	ug/l		99
52) Toluene	10.16	92	389736	20.80	ug/l		100
53) t-1,3-Dichloropropene	10.39	75	205027	19.72	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	237647	20.00	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	151270	20.35	ug/l		99
56) Ethyl methacrylate	10.43	69	177249	18.92	ug/l		99
57) 1,3-Dichloropropane	10.71	76	246753	20.39	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	409879	92.69	ug/l		100
59) 2-Hexanone	10.76	43	505213	99.34	ug/l		98
60) Dibromochloromethane	10.90	129	164908	20.04	ug/l		98
61) 1,2-Dibromoethane	11.01	107	146595	19.88	ug/l		99
64) Tetrachloroethene	10.63	164	162619	20.48	ug/l		97
65) Chlorobenzene	11.44	112	409945	19.65	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	161161	20.11	ug/l		99
67) Ethyl Benzene	11.51	91	679996	20.29	ug/l		100
68) m/p-Xylenes	11.62	106	536647	42.34	ug/l		99
69) o-Xylene	11.95	106	251579	20.82	ug/l		99
70) Styrene	11.97	104	405339	19.44	ug/l		99
71) Bromoform	12.13	173	113947	19.54	ug/l	#	99
73) Isopropylbenzene	12.25	105	672288	20.83	ug/l		100
74) N-amyl acetate	12.07	43	192240	19.49	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	191881	21.24	ug/l		99
76) 1,2,3-Trichloropropane	12.56	75	159447m	20.62	ug/l		
77) Bromobenzene	12.53	156	176790	19.77	ug/l		100
78) n-propylbenzene	12.59	91	763810	21.18	ug/l		100
79) 2-Chlorotoluene	12.68	91	463876	20.75	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	550482	21.69	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	50474	20.70	ug/l		96
82) 4-Chlorotoluene	12.78	91	463593	20.94	ug/l		99
83) tert-Butylbenzene	13.00	119	464493	20.97	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	560616	21.91	ug/l		100
85) sec-Butylbenzene	13.17	105	623949	21.08	ug/l		99
86) p-Isopropyltoluene	13.29	119	536295	21.50	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	302609	19.96	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	291700	19.74	ug/l		98
89) n-Butylbenzene	13.62	91	413009	20.14	ug/l		99
90) Hexachloroethane	13.88	117	106427	19.22	ug/l		99
91) 1,2-Dichlorobenzene	13.66	146	300597	19.83	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30177	20.51	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131946	18.49	ug/l	99
94) Hexachlorobutadiene	15.01	225	90861	19.58	ug/l	99
95) Naphthalene	15.14	128	274835	17.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	137799	19.03	ug/l	100

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

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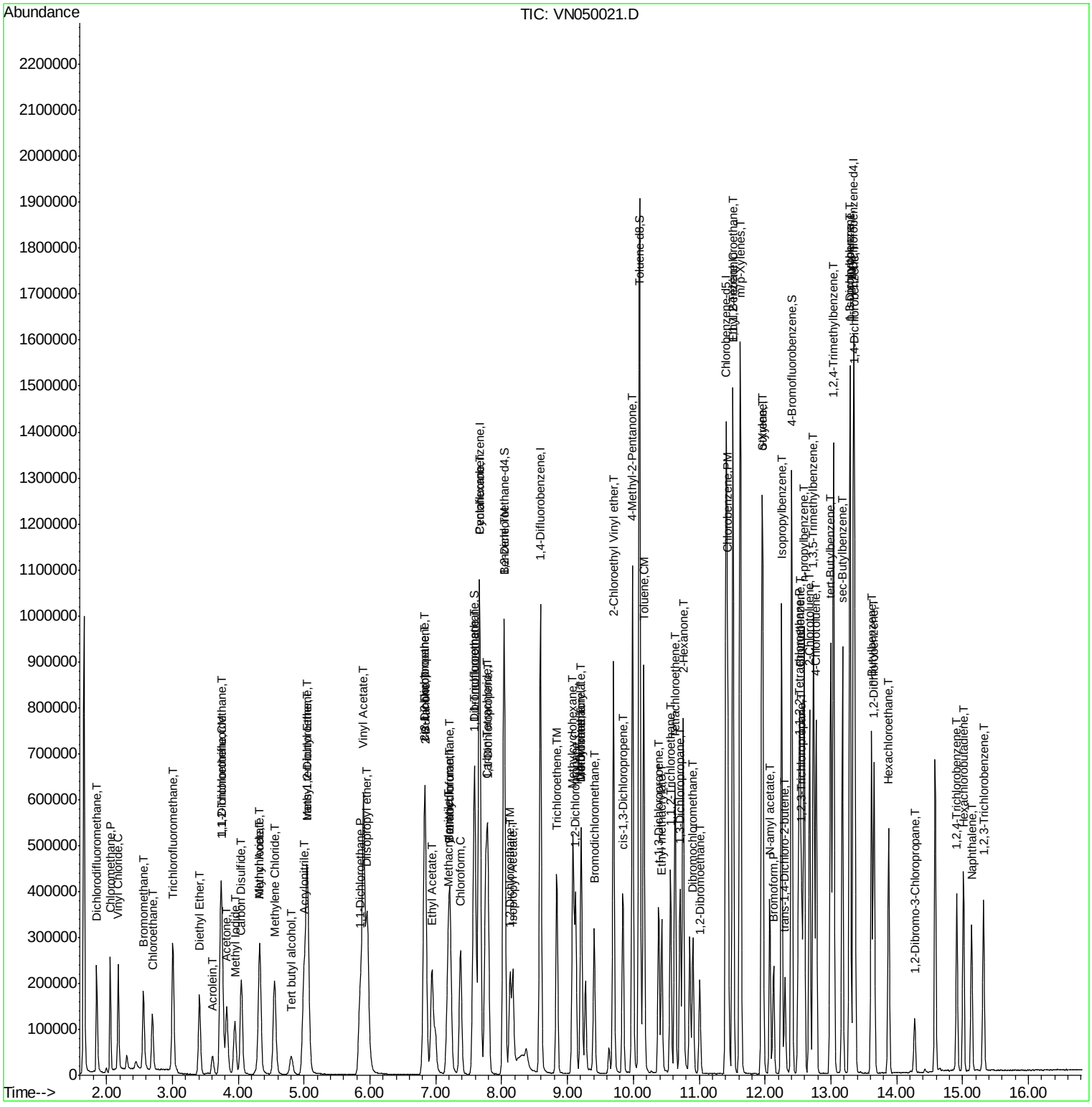
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