

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052594.D
 Acq On : 30 Nov 2018 9:29
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Nov 30 12:25:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1004290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1549630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1389307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	654287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	571309	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.59	113	507659	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.09	98	1947753	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.40	95	680778	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	436224	46.390	ug/l	98
3) Chloromethane	2.06	50	572042	46.085	ug/l	100
4) Vinyl Chloride	2.19	62	589983	46.270	ug/l	100
5) Bromomethane	2.57	94	352822	44.347	ug/l	100
6) Chloroethane	2.71	64	359804	46.585	ug/l	100
7) Trichlorofluoromethane	3.02	101	758820	48.448	ug/l	100
8) Diethyl Ether	3.41	74	298765	51.654	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	474843	48.586	ug/l	99
10) Methyl Iodide	3.96	142	692155	53.174	ug/l	99
11) Tert butyl alcohol	4.78	59	174733	319.187	ug/l	99
12) 1,1-Dichloroethene	3.74	96	450791	47.918	ug/l	99
13) Acrolein	3.61	56	210736	223.552	ug/l	99
14) Allyl chloride	4.33	41	806607	49.748	ug/l	99
15) Acrylonitrile	4.99	53	951700	274.637	ug/l	99
16) Acetone	3.82	43	891177	308.987	ug/l	100
17) Carbon Disulfide	4.06	76	1324874	44.751	ug/l	99
18) Methyl Acetate	4.33	43	466669	56.408	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1337060	53.418	ug/l	99
20) Methylene Chloride	4.55	84	532117	47.146	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	488106	48.580	ug/l	95
22) Diisopropyl ether	5.95	45	1709603	50.197	ug/l	100
23) Vinyl Acetate	5.90	43	5669517	267.265	ug/l	99
24) 1,1-Dichloroethane	5.85	63	959150	49.324	ug/l	100
25) 2-Butanone	6.83	43	1215589	297.353	ug/l	97
26) 2,2-Dichloropropane	6.82	77	704463	52.338	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	577328	49.327	ug/l	99
28) Bromochloromethane	7.19	49	434456	48.915	ug/l	96
29) Tetrahydrofuran	7.21	42	734198	278.447	ug/l	98
30) Chloroform	7.37	83	938167	48.356	ug/l	98
31) Cyclohexane	7.65	56	871604	46.282	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	778817	50.666	ug/l	98
36) 1,1-Dichloropropene	7.79	75	723933	49.471	ug/l	99
37) Ethyl Acetate	6.93	43	496006	55.539	ug/l	100
38) Carbon Tetrachloride	7.78	117	668020	50.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	873828	49.129	ug/l	99
40) Benzene	8.04	78	2175704	49.889	ug/l	100
41) Methacrylonitrile	7.17	41	252479	51.711	ug/l	94
42) 1,2-Dichloroethane	8.13	62	678483	51.381	ug/l	100
43) Isopropyl Acetate	8.17	43	865020	57.235	ug/l	98
44) Trichloroethene	8.84	130	558987	50.040	ug/l	99
45) 1,2-Dichloropropane	9.12	63	577374	49.797	ug/l	100
46) Dibromomethane	9.21	93	336779	52.470	ug/l	99
47) Bromodichloromethane	9.40	83	713856	51.154	ug/l	100
48) Methyl methacrylate	9.20	41	439285	55.742	ug/l	99
49) 1,4-Dioxane	9.20	88	108622	1328.099	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2493564	294.060	ug/l	99
52) Toluene	10.16	92	1339984	51.715	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	736197	54.837	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	858719	53.376	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	485322	53.248	ug/l	99
56) Ethyl methacrylate	10.43	69	662069	52.187	ug/l	99
57) 1,3-Dichloropropane	10.71	76	835205	51.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1860135	281.259	ug/l	99
59) 2-Hexanone	10.75	43	1820584	319.894	ug/l	99
60) Dibromochloromethane	10.90	129	537819	54.330	ug/l	99
61) 1,2-Dibromoethane	11.01	107	488414	53.954	ug/l	100
64) Tetrachloroethene	10.63	164	536054	49.765	ug/l	99
65) Chlorobenzene	11.44	112	1452856	50.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	510970	51.298	ug/l	99
67) Ethyl Benzene	11.51	91	2568610	51.202	ug/l	100
68) m/p-Xylenes	11.62	106	1934609	103.589	ug/l	100
69) o-Xylene	11.95	106	944870	52.100	ug/l	100
70) Styrene	11.97	104	1558961	53.970	ug/l	99
71) Bromoform	12.13	173	369211	55.981	ug/l	# 100
73) Isopropylbenzene	12.25	105	2529596	49.278	ug/l	100
74) N-amyl acetate	12.07	43	756256	58.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	612541	52.456	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	497990m	49.357	ug/l	
77) Bromobenzene	12.53	156	629186	49.589	ug/l	99
78) n-propylbenzene	12.59	91	2923907	50.139	ug/l	99
79) 2-Chlorotoluene	12.68	91	1698194	48.900	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2054180	50.175	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	173077	57.287	ug/l	99
82) 4-Chlorotoluene	12.77	91	1738226	49.664	ug/l	100
83) tert-Butylbenzene	12.99	119	1802944	49.398	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2104408	51.291	ug/l	99
85) sec-Butylbenzene	13.17	105	2476332	49.814	ug/l	100
86) p-Isopropyltoluene	13.29	119	2129527	50.295	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1112183	50.111	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1101999	50.409	ug/l	99
89) n-Butylbenzene	13.62	91	1842861	52.335	ug/l	100
90) Hexachloroethane	13.88	117	351824	49.074	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1087286	51.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	97560	58.416	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	593821	51.058	ug/l	100
94) Hexachlorobutadiene	15.01	225	338182	49.576	ug/l	98
95) Naphthalene	15.13	128	1341054	54.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	551565	51.555	ug/l	99

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

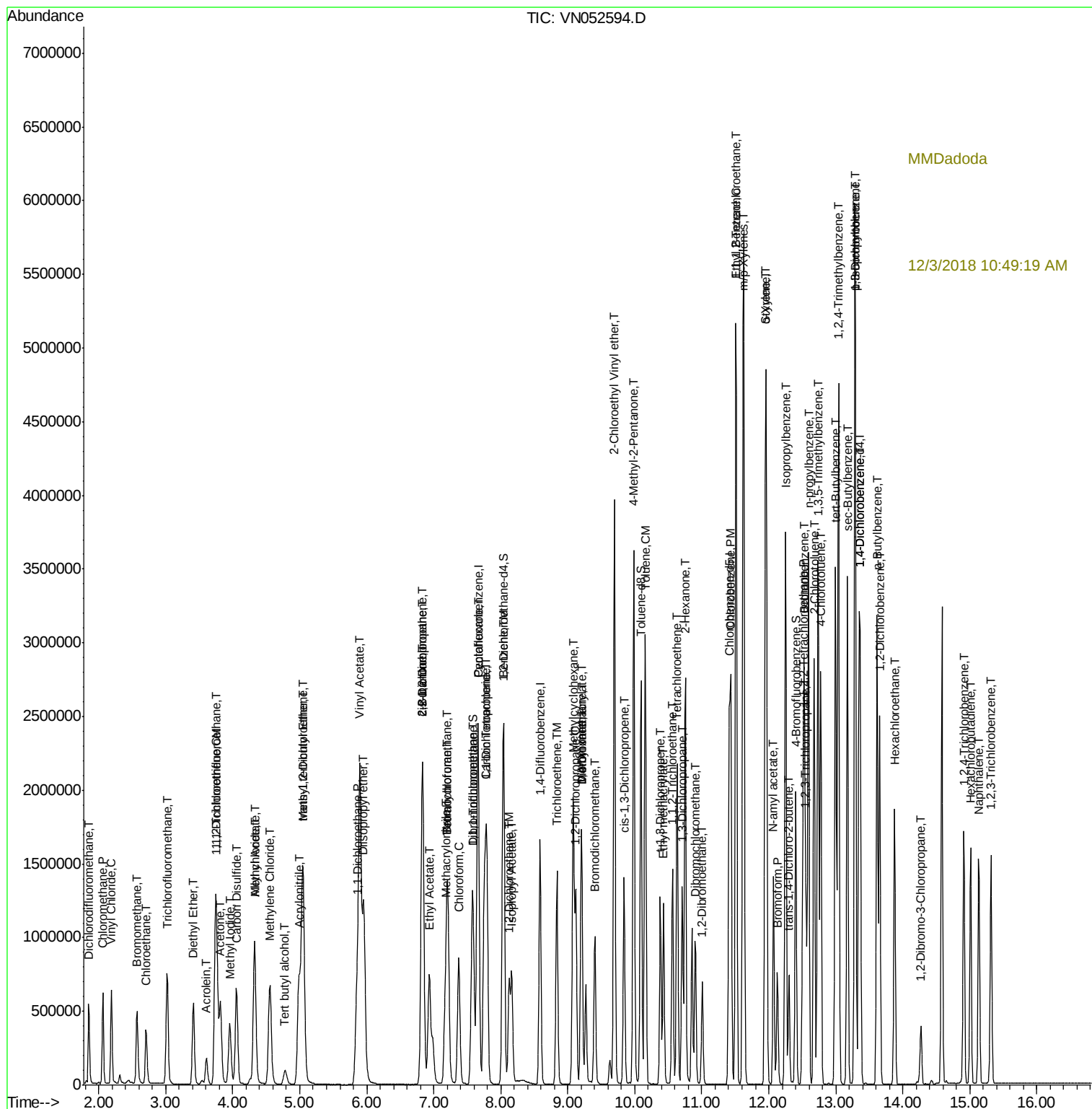
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