

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063671.D
 Acq On : 25 Sep 2020 9:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Sep 25 11:51:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	407487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190109	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	195223	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.55	113	138546	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.06	98	513925	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	195574	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116136	44.819	ug/l	97
3) Chloromethane	2.04	50	144123	42.044	ug/l	99
4) Vinyl Chloride	2.17	62	144892	47.708	ug/l	99
5) Bromomethane	2.53	94	86229	47.819	ug/l	98
6) Chloroethane	2.67	64	92130	49.419	ug/l	90
7) Trichlorofluoromethane	2.99	101	232285	51.263	ug/l	97
8) Diethyl Ether	3.37	74	85793	48.569	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	120876	47.434	ug/l	98
10) Methyl Iodide	3.91	142	159087	47.951	ug/l	97
11) Tert butyl alcohol	4.73	59	107014	198.402	ug/l	97
12) 1,1-Dichloroethene	3.70	96	119609	46.340	ug/l	98
13) Acrolein	3.57	56	55375	277.032	ug/l	98
14) Allyl chloride	4.28	41	212517	41.625	ug/l	96
15) Acrylonitrile	4.93	53	333668	243.197	ug/l	99
16) Acetone	3.78	43	314080	251.005	ug/l	98
17) Carbon Disulfide	4.01	76	309659	41.245	ug/l	99
18) Methyl Acetate	4.28	43	163359	51.426	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	455023	47.300	ug/l	99
20) Methylene Chloride	4.51	84	147277	46.455	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	133206	46.581	ug/l	94
22) Diisopropyl ether	5.90	45	496361	47.670	ug/l	99
23) Vinyl Acetate	5.84	43	2026237	236.946	ug/l	100
24) 1,1-Dichloroethane	5.80	63	273693	48.145	ug/l	99
25) 2-Butanone	6.78	43	459410	238.722	ug/l	96
26) 2,2-Dichloropropane	6.78	77	142065	28.384	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	156620	48.388	ug/l	95
28) Bromochloromethane	7.15	49	129985	49.522	ug/l	99
29) Tetrahydrofuran	7.17	42	306001	232.813	ug/l	99
30) Chloroform	7.33	83	284023	49.798	ug/l	100
31) Cyclohexane	7.61	56	217065	40.367	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	248717	49.029	ug/l	99
36) 1,1-Dichloropropene	7.76	75	199943	46.057	ug/l	99
37) Ethyl Acetate	6.88	43	196257	46.062	ug/l	100
38) Carbon Tetrachloride	7.74	117	214436	48.389	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	195957	41.590	ug/l	98
40) Benzene	8.00	78	587327	47.394	ug/l	99
41) Methacrylonitrile	7.13	41	104178	54.364	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	242297	48.618	ug/l	98
43) Isopropyl Acetate	8.13	43	343989	45.151	ug/l #	89
44) Trichloroethene	8.80	130	144018	47.914	ug/l	98
45) 1,2-Dichloropropane	9.08	63	162206	48.058	ug/l	98
46) Dibromomethane	9.17	93	107808	48.598	ug/l	98
47) Bromodichloromethane	9.37	83	227239	49.308	ug/l	100
48) Methyl methacrylate	9.17	41	170852	45.645	ug/l	96
49) 1,4-Dioxane	9.16	88	45354	844.344	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1035616	242.809	ug/l	99
52) Toluene	10.13	92	363462	48.782	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	229793	44.664	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	240118	44.246	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	149294	50.446	ug/l	95
56) Ethyl methacrylate	10.40	69	221370	47.914	ug/l	100
57) 1,3-Dichloropropane	10.68	76	256852	48.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	568881	234.723	ug/l	98
59) 2-Hexanone	10.72	43	744043	240.792	ug/l	100
60) Dibromochloromethane	10.87	129	169496	50.695	ug/l	99
61) 1,2-Dibromoethane	10.98	107	155359	50.528	ug/l	99
64) Tetrachloroethene	10.60	164	135446	51.109	ug/l	98
65) Chlorobenzene	11.41	112	387955	46.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	150673	49.753	ug/l	98
67) Ethyl Benzene	11.49	91	725930	46.659	ug/l	99
68) m/p-Xylenes	11.60	106	541212	96.481	ug/l	97
69) o-Xylene	11.92	106	259704	48.600	ug/l	98
70) Styrene	11.94	104	446852	49.865	ug/l	99
71) Bromoform	12.10	173	112883	50.035	ug/l #	98
73) Isopropylbenzene	12.23	105	698985	45.882	ug/l	99
74) N-amyl acetate	12.05	43	323820	44.904	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	215088	45.598	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	196465m	41.753	ug/l	
77) Bromobenzene	12.50	156	167160	48.780	ug/l	94
78) n-propylbenzene	12.57	91	806844	45.472	ug/l	100
79) 2-Chlorotoluene	12.65	91	489795	46.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	593227	46.698	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	61406	35.778	ug/l	97
82) 4-Chlorotoluene	12.75	91	513710	45.711	ug/l	99
83) tert-Butylbenzene	12.97	119	479220	45.707	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	596336	46.474	ug/l	100
85) sec-Butylbenzene	13.15	105	637966	45.457	ug/l	99
86) p-Isopropyltoluene	13.26	119	560421	45.274	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	299021	47.078	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	303343	46.974	ug/l	99
89) n-Butylbenzene	13.59	91	493502	43.252	ug/l	99
90) Hexachloroethane	13.85	117	102184	43.352	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	300774	48.233	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	47734	42.497	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	154832	42.117	ug/l	100
94) Hexachlorobutadiene	14.98	225	74449	48.918	ug/l	99
95) Naphthalene	15.10	128	491027	40.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	150039	42.240	ug/l	99

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

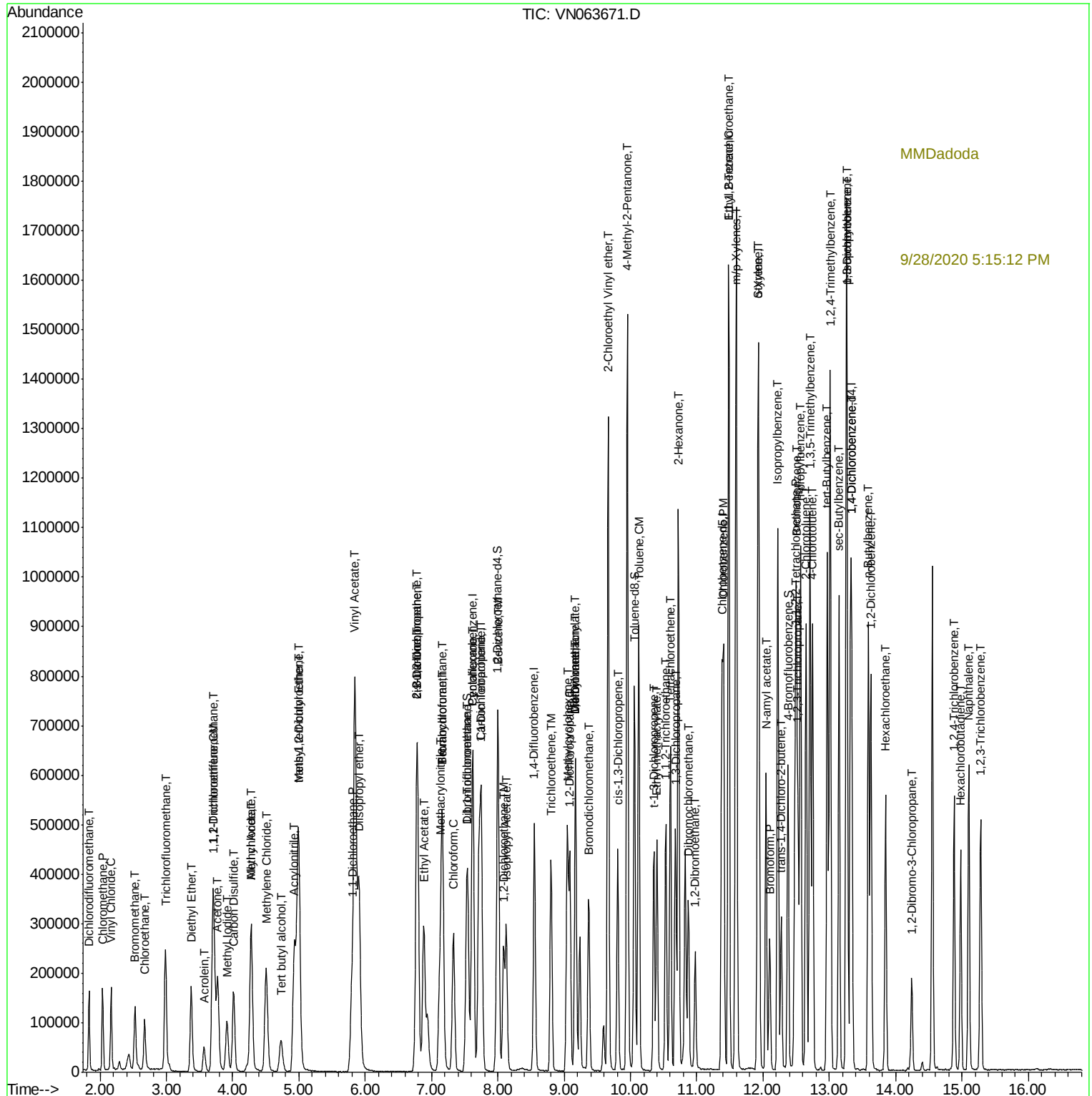
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