

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055103.D
 Acq On : 17 Apr 2019 13:57
 Operator : JC/SP
 Sample : VN0417WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01

Manual Integrations
 APPROVED

Quant Time: Apr 18 08:46:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	370446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	612766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214373	50.00	ug/l	0.00

System Monitoring Compounds

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33) 1,2-Dichloroethane-d4	8.03	65	250520	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	204814	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.09	98	737238	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	237864	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.85	85	82706	19.645	ug/l	99
3) Chloromethane	2.06	50	107630	19.601	ug/l	99
4) Vinyl Chloride	2.19	62	89735	19.443	ug/l	97
5) Bromomethane	2.56	94	51108	19.574	ug/l	94
6) Chloroethane	2.71	64	48032	19.298	ug/l	98
7) Trichlorofluoromethane	3.02	101	115366	19.987	ug/l	100
8) Diethyl Ether	3.41	74	37444	20.323	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	58642	19.414	ug/l	98
10) Methyl Iodide	3.94	142	86803	18.518	ug/l	99
11) Tert butyl alcohol	4.82	59	27792m	102.968	ug/l	
12) 1,1-Dichloroethene	3.73	96	56405	19.184	ug/l	99
13) Acrolein	3.61	56	27584	82.680	ug/l	99
14) Allyl chloride	4.31	41	144867	20.129	ug/l	100
15) Acrylonitrile	4.99	53	167391	103.656	ug/l	100
16) Acetone	3.82	43	116362	87.065	ug/l	98
17) Carbon Disulfide	4.04	76	167929	17.693	ug/l	100
18) Methyl Acetate	4.33	43	82882	21.265	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	218371	20.762	ug/l	98
20) Methylene Chloride	4.54	84	91647	19.507	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	78237	19.674	ug/l	97
22) Diisopropyl ether	5.96	45	306832	20.739	ug/l	96
23) Vinyl Acetate	5.90	43	1038266	106.169	ug/l	100
24) 1,1-Dichloroethane	5.84	63	162445	20.618	ug/l	99
25) 2-Butanone	6.85	43	193685	97.099	ug/l	98
26) 2,2-Dichloropropane	6.82	77	96221	19.350	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	92016	20.453	ug/l	99
28) Bromochloromethane	7.19	49	82128	21.624	ug/l	100
29) Tetrahydrofuran	7.22	42	133614	102.146	ug/l	99
30) Chloroform	7.37	83	158083	20.656	ug/l	99
31) Cyclohexane	7.65	56	144982	20.066	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	122239	20.161	ug/l	99
36) 1,1-Dichloropropene	7.79	75	111343	19.275	ug/l	98
37) Ethyl Acetate	6.94	43	85200	18.117	ug/l	98
38) Carbon Tetrachloride	7.77	117	103721	18.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	117615	18.790	ug/l	99
40) Benzene	8.04	78	342185	19.655	ug/l	100
41) Methacrylonitrile	7.18	41	50241	19.246	ug/l	98
42) 1,2-Dichloroethane	8.12	62	119520	19.773	ug/l	99
43) Isopropyl Acetate	8.17	43	146890	20.271	ug/l	99
44) Trichloroethene	8.83	130	86575	19.854	ug/l	98
45) 1,2-Dichloropropane	9.12	63	97534	20.088	ug/l	99
46) Dibromomethane	9.21	93	56809	20.556	ug/l	99
47) Bromodichloromethane	9.40	83	113818	19.976	ug/l	99
48) Methyl methacrylate	9.20	41	72341	20.142	ug/l	99
49) 1,4-Dioxane	9.20	88	16595	493.173	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	428798	102.428	ug/l	98
52) Toluene	10.16	92	204220	20.481	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	100241	20.132	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	126413	20.455	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	77093	20.068	ug/l	97
56) Ethyl methacrylate	10.43	69	95947	20.811	ug/l	97
57) 1,3-Dichloropropane	10.71	76	129552	19.807	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	177124	94.448	ug/l	99
59) 2-Hexanone	10.75	43	260275	98.986	ug/l	97
60) Dibromochloromethane	10.90	129	77116	20.557	ug/l	100
61) 1,2-Dibromoethane	11.01	107	73676	20.836	ug/l	97
64) Tetrachloroethene	10.63	164	82423	19.022	ug/l	95
65) Chlorobenzene	11.43	112	211598	19.727	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	78194	19.821	ug/l	99
67) Ethyl Benzene	11.51	91	378893	19.780	ug/l	98
68) m/p-Xylenes	11.62	106	277357	39.986	ug/l	99
69) o-Xylene	11.95	106	136617	20.335	ug/l	100
70) Styrene	11.96	104	220966	20.319	ug/l	98
71) Bromoform	12.12	173	45328	20.046	ug/l	# 100
73) Isopropylbenzene	12.25	105	364217	19.146	ug/l	99
74) N-amyl acetate	12.07	43	109528	20.454	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	99939	19.634	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	77004m	19.975	ug/l	
77) Bromobenzene	12.53	156	89689	18.912	ug/l	98
78) n-propylbenzene	12.59	91	394072	19.174	ug/l	99
79) 2-Chlorotoluene	12.67	91	249233	19.442	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	297318	19.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18901	19.607	ug/l	98
82) 4-Chlorotoluene	12.77	91	238175	19.914	ug/l	98
83) tert-Butylbenzene	12.99	119	254956	19.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	287502	19.762	ug/l	100
85) sec-Butylbenzene	13.17	105	328321	19.874	ug/l	100
86) p-Isopropyltoluene	13.29	119	281743	19.879	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	142664	19.791	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	135140	19.660	ug/l	98
89) n-Butylbenzene	13.61	91	203839	19.374	ug/l	100
90) Hexachloroethane	13.87	117	43890	19.032	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	144975	19.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12205	19.472	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52768	17.868	ug/l	98
94) Hexachlorobutadiene	15.01	225	46336	20.685	ug/l	99
95) Naphthalene	15.13	128	115343	17.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56839	20.315	ug/l	99

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

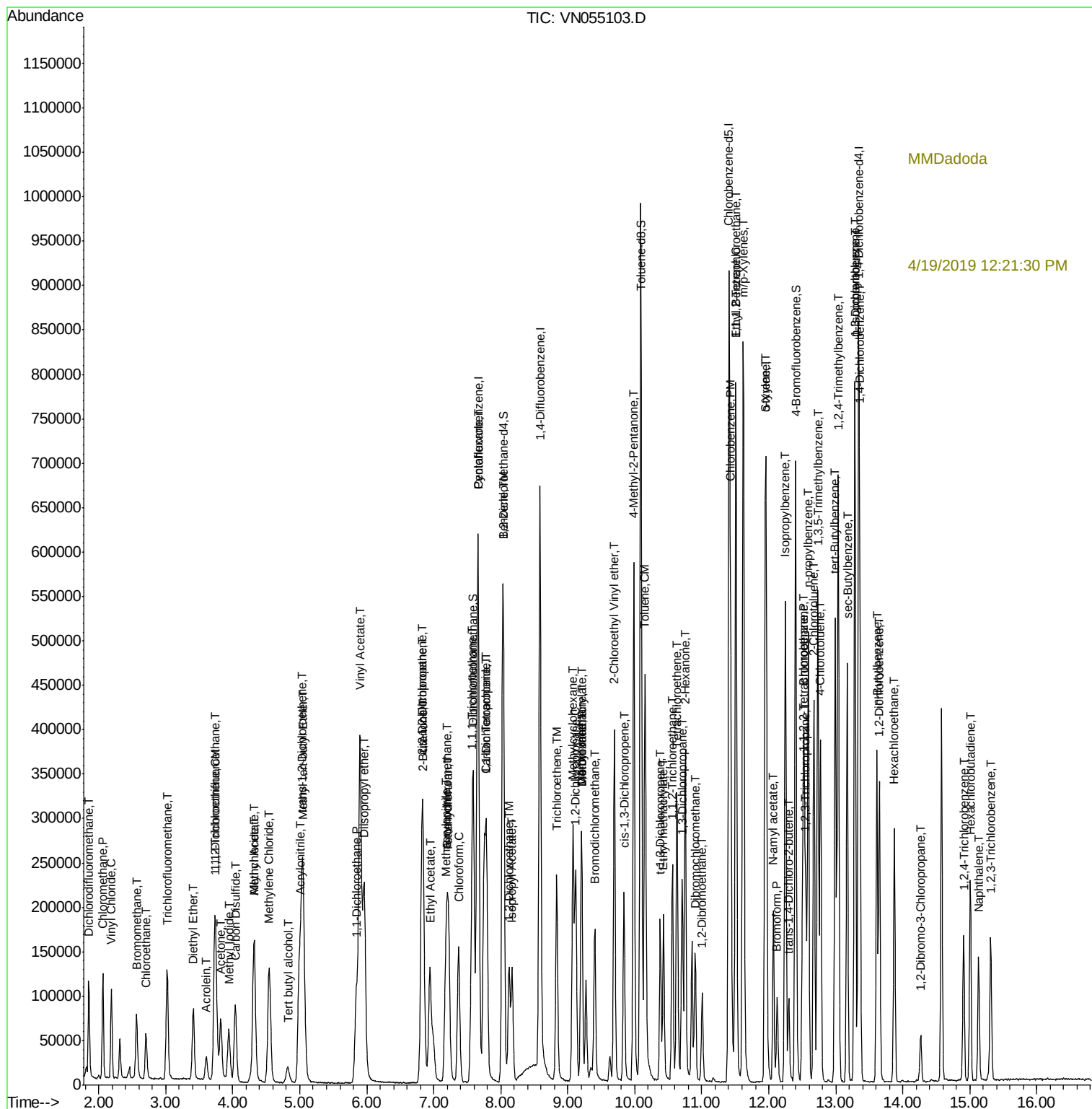
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