

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010219\
 Data File : VN053243.D
 Acq On : 2 Jan 2019 12:51
 Operator : MD\SY
 Sample : VN0102WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBSD02

Manual Integrations
 APPROVED

Quant Time: Jan 03 02:02:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	905440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1386376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1179695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	493380	50.00	ug/l	0.00

System Monitoring Compounds

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33) 1,2-Dichloroethane-d4	8.03	65	479257	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.59	113	406704	64.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.44%	
50) Toluene-d8	10.09	98	1682138	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.40	95	540503	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.85	85	162841	17.770	ug/l	100
3) Chloromethane	2.06	50	196785	17.721	ug/l	99
4) Vinyl Chloride	2.19	62	210742	18.739	ug/l	100
5) Bromomethane	2.58	94	140274	18.003	ug/l	99
6) Chloroethane	2.71	64	130325	19.566	ug/l	98
7) Trichlorofluoromethane	3.03	101	292946	20.910	ug/l	98
8) Diethyl Ether	3.42	74	114380	21.641	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	189560	21.221	ug/l	98
10) Methyl Iodide	3.96	142	241649	19.263	ug/l	99
11) Tert butyl alcohol	4.78	59	57076	101.804	ug/l	99
12) 1,1-Dichloroethene	3.74	96	178493	20.683	ug/l	97
13) Acrolein	3.61	56	48714	95.826	ug/l	99
14) Allyl chloride	4.33	41	278450	20.830	ug/l	97
15) Acrylonitrile	4.99	53	338128	108.560	ug/l	98
16) Acetone	3.82	43	226712	125.841	ug/l	98
17) Carbon Disulfide	4.06	76	465839	16.552	ug/l	100
18) Methyl Acetate	4.33	43	193824	24.226	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	514414	22.274	ug/l	100
20) Methylene Chloride	4.56	84	204327	20.792	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	188766	20.358	ug/l	98
22) Diisopropyl ether	5.95	45	647945	22.708	ug/l	99
23) Vinyl Acetate	5.90	43	1858697	113.283	ug/l	99
24) 1,1-Dichloroethane	5.85	63	371895	21.934	ug/l	98
25) 2-Butanone	6.83	43	356338	117.857	ug/l	98
26) 2,2-Dichloropropane	6.83	77	279238	21.574	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	224676	21.403	ug/l	99
28) Bromochloromethane	7.20	49	161747	22.015	ug/l	99
29) Tetrahydrofuran	7.21	42	247862	109.763	ug/l	99
30) Chloroform	7.37	83	366307	21.992	ug/l	99
31) Cyclohexane	7.66	56	333816	20.369	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	300800	21.200	ug/l	99
36) 1,1-Dichloropropene	7.80	75	270020	20.292	ug/l	100
37) Ethyl Acetate	6.93	43	167061	22.489	ug/l	99
38) Carbon Tetrachloride	7.78	117	261420	21.433	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	307064	18.996	ug/l	99
40) Benzene	8.04	78	844203	21.329	ug/l	100
41) Methacrylonitrile	7.17	41	96958	22.590	ug/l	95
42) 1,2-Dichloroethane	8.12	62	249818	21.365	ug/l	99
43) Isopropyl Acetate	8.16	43	315210	21.328	ug/l	100
44) Trichloroethene	8.84	130	230150	20.103	ug/l	98
45) 1,2-Dichloropropane	9.12	63	225132	21.837	ug/l	99
46) Dibromomethane	9.21	93	128446	21.387	ug/l	98
47) Bromodichloromethane	9.40	83	279330	21.880	ug/l	100
48) Methyl methacrylate	9.20	41	152051	21.094	ug/l	99
49) 1,4-Dioxane	9.20	88	34013	373.018	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	800010	111.206	ug/l	99
52) Toluene	10.16	92	506242	20.635	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	272113	20.270	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	320962	20.830	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	187937	21.958	ug/l	100
56) Ethyl methacrylate	10.43	69	240062	21.191	ug/l	97
57) 1,3-Dichloropropane	10.71	76	318557	21.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	659325	106.012	ug/l	99
59) 2-Hexanone	10.75	43	525379	107.941	ug/l	99
60) Dibromochloromethane	10.90	129	204316	20.855	ug/l	100
61) 1,2-Dibromoethane	11.01	107	180455	20.760	ug/l	100
64) Tetrachloroethene	10.63	164	240594	18.828	ug/l	98
65) Chlorobenzene	11.43	112	544833	20.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	199949	21.988	ug/l	98
67) Ethyl Benzene	11.51	91	931589	20.715	ug/l	100
68) m/p-Xylenes	11.62	106	693788	40.581	ug/l	99
69) o-Xylene	11.95	106	339802	20.713	ug/l	99
70) Styrene	11.96	104	544241	20.345	ug/l	100
71) Bromoform	12.13	173	131966	20.088	ug/l #	98
73) Isopropylbenzene	12.25	105	904563	23.433	ug/l	99
74) N-amyl acetate	12.07	43	237597	22.169	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	200803	26.515	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	169542m	20.413	ug/l	
77) Bromobenzene	12.53	156	229071	22.828	ug/l	97
78) n-propylbenzene	12.59	91	977012	22.223	ug/l	99
79) 2-Chlorotoluene	12.67	91	584577	21.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	687992	21.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55663	21.601	ug/l	99
82) 4-Chlorotoluene	12.77	91	579845	21.736	ug/l	100
83) tert-Butylbenzene	12.99	119	619403	22.259	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	690077	21.817	ug/l	100
85) sec-Butylbenzene	13.17	105	804922	21.385	ug/l	99
86) p-Isopropyltoluene	13.29	119	675925	20.783	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	368917	20.772	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	363192	20.194	ug/l	99
89) n-Butylbenzene	13.62	91	528217	18.878	ug/l	100
90) Hexachloroethane	13.88	117	110990	22.238	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	350516	20.971	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25703	19.629	ug/l	97

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93) 1,2,4-Trichlorobenzene	14.91	180	167275	19.260	ug/l	99
94) Hexachlorobutadiene	15.01	225	108709	22.107	ug/l	99
95) Naphthalene	15.13	128	357038	19.130	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	152549	19.443	ug/l	100

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

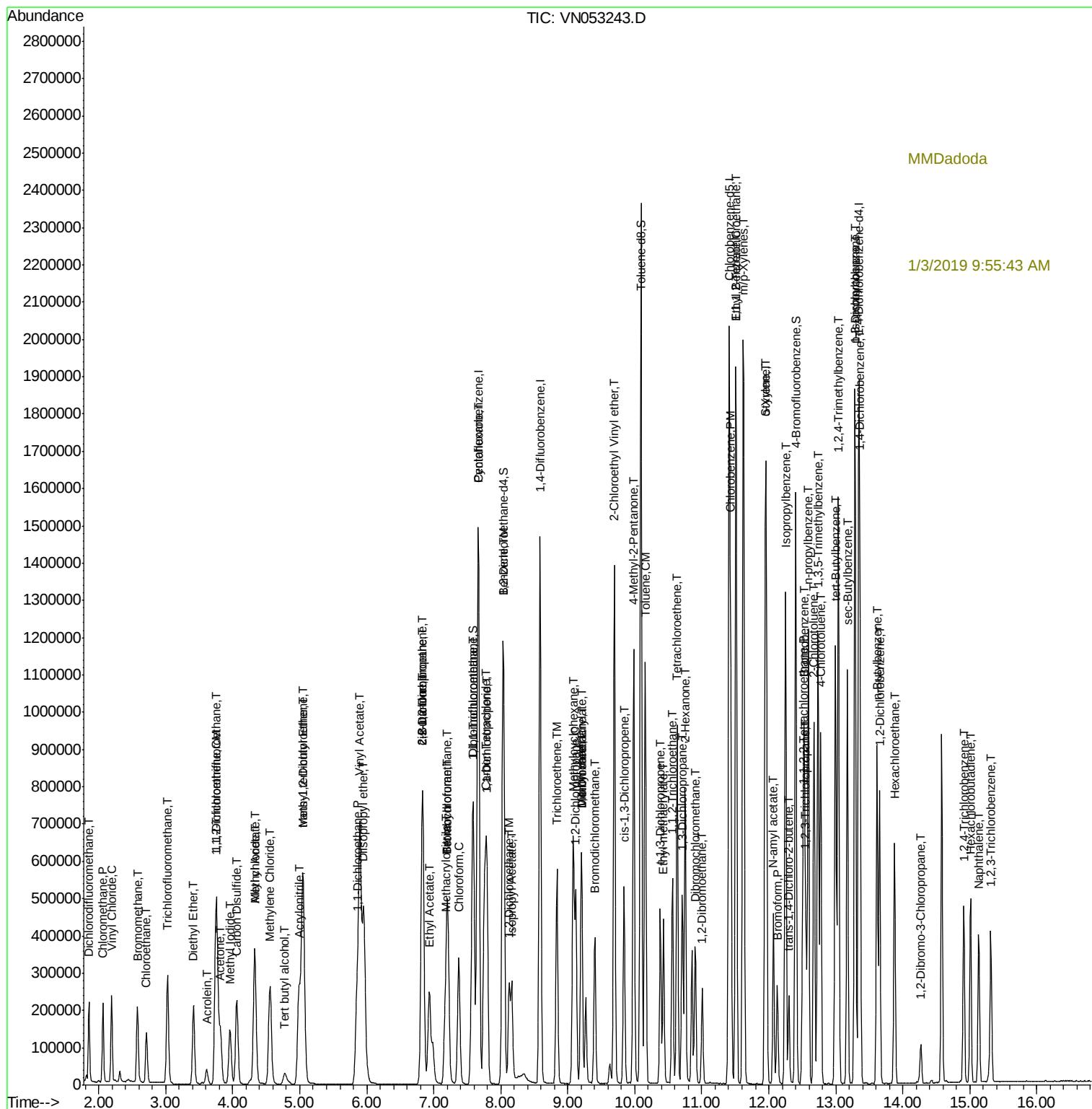
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