

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005941.D
 Acq On : 13 Nov 2018 11:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Nov 14 03:45:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	112671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	151087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	122981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	58569	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.49	113	47348	46.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.16%	
50) Toluene-d8	8.71	98	166030	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	62470	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

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Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	44973	44.271	ug/l 90
3) Chloromethane	1.32	50	59503	44.632	ug/l 90
4) Vinyl Chloride	1.41	62	56084	41.904	ug/l 93
5) Bromomethane	1.64	94	35291	43.088	ug/l 98
6) Chloroethane	1.71	64	35474	44.422	ug/l 97
7) Trichlorofluoromethane	1.92	101	79798	44.918	ug/l 92
8) Diethyl Ether	2.19	74	31880	45.796	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47684	46.669	ug/l 97
10) Methyl Iodide	2.51	142	62798	50.711	ug/l 95
11) Tert butyl alcohol	3.08	59	82162	221.426	ug/l 99
12) 1,1-Dichloroethene	2.37	96	43574	43.754	ug/l 86
13) Acrolein	2.29	56	53633	299.067	ug/l 94
14) Allyl chloride	2.73	41	105828	47.580	ug/l 99
15) Acrylonitrile	3.15	53	185328	241.007	ug/l 99
16) Acetone	2.45	43	175737	251.981	ug/l 96
17) Carbon Disulfide	2.57	76	135369	45.571	ug/l 99
18) Methyl Acetate	2.78	43	93942	50.271	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	158978	46.772	ug/l 100
20) Methylene Chloride	2.85	84	50106	43.737	ug/l 90
21) trans-1,2-Dichloroethene	3.17	96	49333	46.965	ug/l 88
22) Diisopropyl ether	3.87	45	190320	48.846	ug/l # 96
23) Vinyl Acetate	3.82	43	767010	229.590	ug/l 97
24) 1,1-Dichloroethane	3.69	63	96832	46.581	ug/l 98
25) 2-Butanone	4.71	43	256625	234.049	ug/l # 89
26) 2,2-Dichloropropane	4.58	77	77361	50.732	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	55678	48.004	ug/l 97
28) Bromochloromethane	5.01	49	46283	49.818	ug/l 99
29) Tetrahydrofuran	5.16	42	166315	236.240	ug/l 98
30) Chloroform	5.21	83	88023	43.890	ug/l 89
31) Cyclohexane	5.57	56	85641	47.460	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	78736	47.068	ug/l 98
36) 1,1-Dichloropropene	5.80	75	67421	46.289	ug/l 98
37) Ethyl Acetate	4.86	43	85941	44.870	ug/l 98
38) Carbon Tetrachloride	5.78	117	71882	49.297	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76563	51.864	ug/l	90
40) Benzene	6.14	78	191466	45.093	ug/l	99
41) Methacrylonitrile	5.06	41	48925	47.273	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72430	47.625	ug/l	99
43) Isopropyl Acetate	6.46	43	127493	45.937	ug/l	98
44) Trichloroethene	7.21	130	50669	46.989	ug/l	96
45) 1,2-Dichloropropane	7.52	63	49883	48.402	ug/l	100
46) Dibromomethane	7.66	93	32358	50.035	ug/l	99
47) Bromodichloromethane	7.90	83	65856	53.884	ug/l	92
48) Methyl methacrylate	7.77	41	65418	52.494	ug/l	97
49) 1,4-Dioxane	7.75	88	26211	976.070	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	429643	245.631	ug/l	99
52) Toluene	8.79	92	112408	47.368	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	69176	47.962	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	75585	51.416	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	46558	44.021	ug/l	98
56) Ethyl methacrylate	9.18	69	72907	46.072	ug/l	99
57) 1,3-Dichloropropane	9.37	76	78943	44.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207237	240.652	ug/l	99
59) 2-Hexanone	9.49	43	349532	226.705	ug/l	100
60) Dibromochloromethane	9.59	129	50567	44.240	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48907	41.819	ug/l	100
64) Tetrachloroethene	9.34	164	53394	50.994	ug/l	99
65) Chlorobenzene	10.14	112	126827	51.478	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	47573	55.542	ug/l	99
67) Ethyl Benzene	10.25	91	221244	56.003	ug/l	100
68) m/p-Xylenes	10.36	106	172871	114.719	ug/l	100
69) o-Xylene	10.70	106	80207	59.358	ug/l	97
70) Styrene	10.71	104	138549	62.156	ug/l	99
71) Bromoform	10.86	173	42249	58.842	ug/l	98
73) Isopropylbenzene	11.02	105	228674	55.144	ug/l	100
74) N-amyl acetate	10.90	43	111889	48.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77047	50.619	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75563m	51.750	ug/l	
77) Bromobenzene	11.26	156	60035	51.363	ug/l	100
78) n-propylbenzene	11.36	91	271195	55.491	ug/l	99
79) 2-Chlorotoluene	11.42	91	157887	53.449	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	197503	56.046	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23796	51.941	ug/l	98
82) 4-Chlorotoluene	11.51	91	189794	54.517	ug/l	100
83) tert-Butylbenzene	11.77	119	190148	53.336	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	203212	52.258	ug/l	99
85) sec-Butylbenzene	11.94	105	235547	54.030	ug/l	100
86) p-Isopropyltoluene	12.07	119	216056	55.949	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113766	50.717	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	115364	50.239	ug/l	100
89) n-Butylbenzene	12.39	91	195058	54.501	ug/l	100
90) Hexachloroethane	12.60	117	34243	53.113	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	113701	50.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19356	52.113	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86862	54.909	ug/l	100
94) Hexachlorobutadiene	13.78	225	44766	53.872	ug/l	100
95) Naphthalene	13.83	128	257695	49.951	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87499	54.292	ug/l	100

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

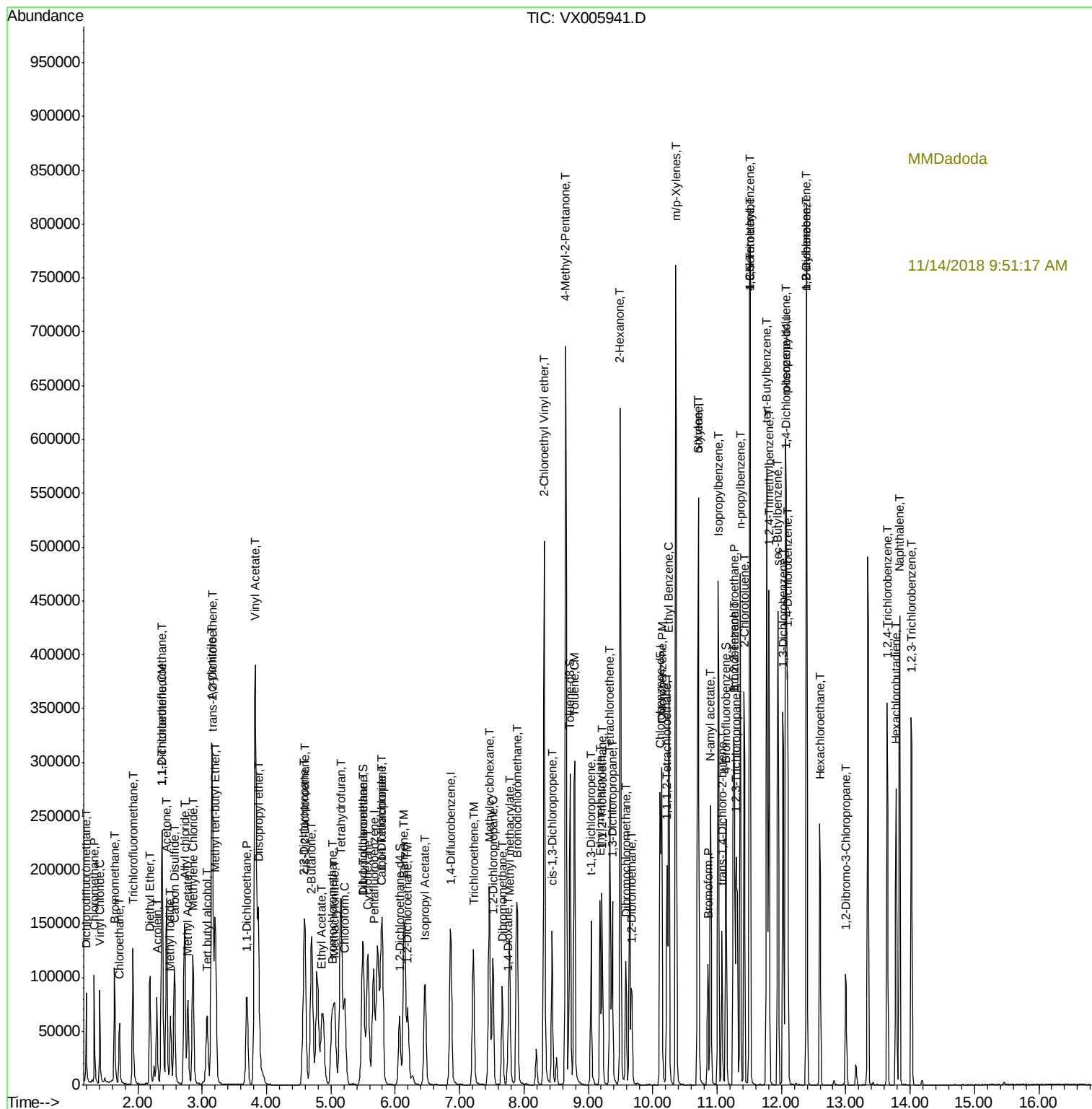
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