

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034313.D
 Acq On : 06 Sep 2019 02:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Sep 06 08:58:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	310279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	465507	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	472291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	311186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	241837	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	4.86	113	214654	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	7.55	98	843771	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	10.29	95	318922	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

MMDadoda

9/6/2019 3:21:16 PM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	147124	45.338	ug/l	98
3) Chloromethane	1.32	50	172025	49.066	ug/l	99
4) Vinyl Chloride	1.40	62	185826	45.954	ug/l	99
5) Bromomethane	1.61	94	107866	52.797	ug/l	99
6) Chloroethane	1.69	64	121493	51.727	ug/l	100
7) Trichlorofluoromethane	1.87	101	255219	47.071	ug/l	99
8) Diethyl Ether	2.09	74	115598	48.470	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	165323	46.037	ug/l	99
10) Methyl Iodide	2.40	142	130076	40.392	ug/l	98
11) Tert butyl alcohol	2.81	59	248932	250.990	ug/l	100
12) 1,1-Dichloroethene	2.27	96	159877	47.359	ug/l	98
13) Acrolein	2.18	56	155923	187.048	ug/l	99
14) Allyl chloride	2.58	41	294035m	45.559	ug/l	
15) Acrylonitrile	2.92	53	638940	258.699	ug/l	98
16) Acetone	2.31	43	501198	206.302	ug/l	99
17) Carbon Disulfide	2.46	76	331943	43.750	ug/l	99
18) Methyl Acetate	2.60	43	283187	47.905	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	627826	51.023	ug/l	99
20) Methylene Chloride	2.68	84	203750	51.213	ug/l	100
21) trans-1,2-Dichloroethene	2.97	96	170504	47.928	ug/l	98
22) Diisopropyl ether	3.55	45	652241	51.822	ug/l	99
23) Vinyl Acetate	3.50	43	2655794	259.045	ug/l	99
24) 1,1-Dichloroethane	3.43	63	362874	48.278	ug/l	99
25) 2-Butanone	4.24	43	827709	255.231	ug/l	100
26) 2,2-Dichloropropane	4.20	77	219356	36.286	ug/l	97
27) cis-1,2-Dichloroethene	4.20	96	214983	49.757	ug/l	97
28) Bromochloromethane	4.52	49	179247	51.847	ug/l	99
29) Tetrahydrofuran	4.61	42	522796	264.925	ug/l	100
30) Chloroform	4.65	83	362144	47.400	ug/l	100
31) Cyclohexane	4.97	56	258248	46.964	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	298959	48.942	ug/l	99
36) 1,1-Dichloropropene	5.12	75	234871	46.523	ug/l	99
37) Ethyl Acetate	4.36	43	295496	49.506	ug/l	100
38) Carbon Tetrachloride	5.11	117	250869	46.540	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034313.D
 Acq On : 06 Sep 2019 02:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Sep 06 08:58:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	253106	46.899	ug/l	100
40) Benzene	5.37	78	774187	47.525	ug/l	100
41) Methacrylonitrile	4.52	41	164867	51.854	ug/l	99
42) 1,2-Dichloroethane	5.38	62	265440	46.932	ug/l	100
43) Isopropyl Acetate	5.53	43	463506	49.778	ug/l	99
44) Trichloroethene	6.16	130	218123	48.388	ug/l	99
45) 1,2-Dichloropropane	6.41	63	229553	48.202	ug/l	97
46) Dibromomethane	6.54	93	144984	48.501	ug/l	99
47) Bromodichloromethane	6.74	83	292382	47.517	ug/l	99
48) Methyl methacrylate	6.60	41	216507	48.955	ug/l	98
49) 1,4-Dioxane	6.59	88	95085	984.593	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1618201	251.064	ug/l	100
52) Toluene	7.62	92	498714	48.803	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	299520	46.957	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	331812	47.397	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	222517	47.955	ug/l	99
56) Ethyl methacrylate	8.00	69	329355	46.921	ug/l	100
57) 1,3-Dichloropropane	8.22	76	362818	48.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	581862	244.361	ug/l	100
59) 2-Hexanone	8.34	43	1222962	253.988	ug/l	100
60) Dibromochloromethane	8.46	129	242100	48.644	ug/l	98
61) 1,2-Dibromoethane	8.57	107	223046	49.111	ug/l	100
64) Tetrachloroethene	8.21	164	196694	48.005	ug/l	96
65) Chlorobenzene	9.10	112	571695	47.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	212482	46.466	ug/l	99
67) Ethyl Benzene	9.23	91	960521	49.027	ug/l	99
68) m/p-Xylenes	9.36	106	748400	101.444	ug/l	99
69) o-Xylene	9.76	106	366711	50.827	ug/l	99
70) Styrene	9.77	104	653202	51.638	ug/l	100
71) Bromoform	9.94	173	190785	48.140	ug/l	98
73) Isopropylbenzene	10.15	105	994542	49.110	ug/l	100
74) N-amyl acetate	9.99	43	421311	51.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	378950	46.229	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	312662m	46.030	ug/l	
77) Bromobenzene	10.43	156	268028	47.334	ug/l	99
78) n-propylbenzene	10.57	91	1143711	48.901	ug/l	99
79) 2-Chlorotoluene	10.64	91	693312	48.583	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	857851	50.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	92089m	45.592	ug/l	
82) 4-Chlorotoluene	10.75	91	798465	48.620	ug/l	100
83) tert-Butylbenzene	11.08	119	833901	49.217	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	870512	51.060	ug/l	100
85) sec-Butylbenzene	11.31	105	1005610	50.273	ug/l	100
86) p-Isopropyltoluene	11.46	119	928894	50.313	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	488765	47.302	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	496572	46.075	ug/l	100
89) n-Butylbenzene	11.87	91	803009	50.050	ug/l	100
90) Hexachloroethane	12.12	117	135856	45.994	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	484830	47.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	77672	51.565	ug/l	100

MMDadoda

9/6/2019 3:21:16 PM

#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
Data File : VU034313.D
Acq On : 06 Sep 2019 02:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Quant Time: Sep 06 08:58:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	340903	46.544	ug/l	99
94) Hexachlorobutadiene	13.67	225	159365	44.864	ug/l	100
95) Naphthalene	13.72	128	952679	46.257	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	333640	47.065	ug/l	100

MMDadoda

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

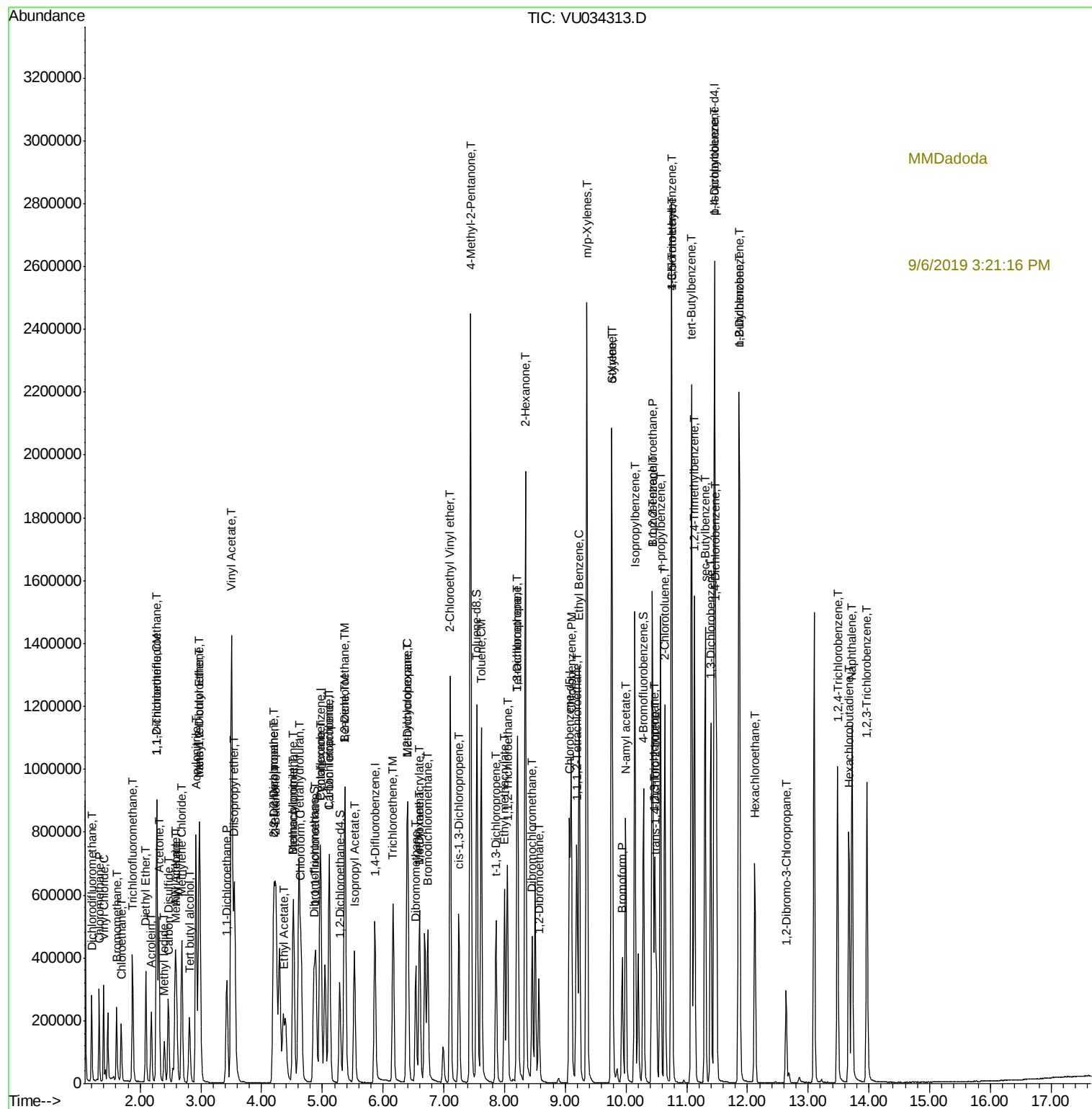
9/6/2019 3:21:16 PM

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090619\
Data File : VU034313.D
Acq On : 06 Sep 2019 02:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Quant Time: Sep 06 08:58:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration



MMDadoda

9/6/2019 3:21:16 PM