

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034560.D
 Acq On : 16 Sep 2019 12:36
 Operator : JC/SP
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Quant Time: Sep 16 12:56:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 16 12:41:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	348487	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	339944	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	165565	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	344544	112.74	ug/L	0.00
7) Chloroethane-d5	1.65	69	256116	105.65	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.25	63	711797	129.12	ug/L	0.00
21) 2-Butanone-d5	4.14	46	906386	440.74	ug/L	0.00
24) Chloroform-d	4.62	84	815831	163.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	483621	150.41	ug/L	0.00
32) Benzene-d6	5.32	84	1503810	155.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	567044	180.96	ug/L	0.00
41) Toluene-d8	7.54	98	1470503	168.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	286478	198.10	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	694112	532.67	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	927514	207.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	602680	178.38	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	450056	139.503	ug/L	100
3) Chloromethane	1.32	50	464691	149.905	ug/L	98
5) Vinyl chloride	1.40	62	455252	125.029	ug/L	98
6) Bromomethane	1.59	94	198851	140.953	ug/L	95
8) Chloroethane	1.67	64	250220	114.551	ug/L	100
9) Trichlorofluoromethane	1.87	101	636296	149.010	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	372456	152.547	ug/L	100
12) 1,1-Dichloroethene	2.26	96	340313	144.793	ug/L	91
13) Acetone	2.31	43	692700	368.788	ug/L	100
14) Carbon disulfide	2.46	76	859783	113.743	ug/L	100
15) Methyl Acetate	2.59	43	623690	190.669	ug/L	98
16) Methylene chloride	2.68	84	460778	162.718	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	378789	150.049	ug/L	98
18) Methyl tert-butyl Ether	2.98	73	1537867	201.256	ug/L	100
19) 1,1-Dichloroethane	3.42	63	840628	167.092	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	488962	175.965	ug/L	97
22) 2-Butanone	4.23	43	1039789	440.608	ug/L	97
23) Bromochloromethane	4.52	128	228955	160.215	ug/L	97
25) Chloroform	4.65	83	857812	172.162	ug/L	99
27) 1,2-Dichloroethane	5.38	62	636703	162.848	ug/L	98
29) Cyclohexane	4.97	56	669427	170.674	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	693678	177.186	ug/L	99
31) Carbon tetrachloride	5.11	117	598659	172.276	ug/L	99
33) Benzene	5.36	78	1762819	171.494	ug/L	100
34) Trichloroethene	6.16	95	442947	166.075	ug/L	99
35) Methylcyclohexane	6.39	83	652958	162.388	ug/L	100
37) 1,2-Dichloropropane	6.41	63	536433	190.753	ug/L	99
38) Bromodichloromethane	6.73	83	703829	193.687	ug/L	100
39) cis-1,3-Dichloropropene	7.24	75	865237	207.002	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	2033987	504.995	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034560.D
 Acq On : 16 Sep 2019 12:36
 Operator : JC/SP
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Quant Time: Sep 16 12:56:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 16 12:41:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	1917621	180.283	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	784386	208.246	ug/L	97
45) 1,1,2-Trichloroethane	8.04	97	503543	195.157	ug/L	99
46) Tetrachloroethene	8.20	164	295081	142.361	ug/L	98
48) 2-Hexanone	8.34	43	1583677	506.367	ug/L	99
49) Dibromochloromethane	8.45	129	577130	201.632	ug/L	99
50) 1,2-Dibromoethane	8.56	107	523854	190.387	ug/L	97
51) Chlorobenzene	9.10	112	1262529	179.468	ug/L	99
52) Ethylbenzene	9.23	91	2234974	194.530	ug/L	99
53) m,p-Xylene	9.35	106	799555	188.851	ug/L	96
54) o-xylene	9.76	106	808720	193.782	ug/L	95
55) Styrene	9.77	104	1435334	201.986	ug/L	99
56) Isopropylbenzene	10.14	105	2193693	202.283	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	1020177	228.125	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	769242	214.034	ug/L	99
61) Bromoform	9.94	173	437962	209.697	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	999323	192.150	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	998275	185.245	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	1005080	193.709	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	241576	253.868	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	673905	168.579	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	637472	194.482	ug/L	100
69) Naphthalene	13.72	128	2485498	253.971	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	622484	179.703	ug/L	99

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

