

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092420\
 Data File : VU040264.D
 Acq On : 24 Sep 2020 11:04
 Operator : SY/MD
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200205

Quant Time: Sep 25 09:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM092420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 09:11:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	428041	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	424358	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	224016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	702047	237.26	ug/L	0.00
7) Chloroethane-d5	1.90	69	520089	197.23	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.57	63	1368429	241.44	ug/L	0.00
21) 2-Butanone-d5	4.64	46	1260752	480.31	ug/L	0.00
24) Chloroform-d	5.08	84	1235143	229.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	855954	232.06	ug/L	0.00
32) Benzene-d6	5.74	84	2367460	208.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	790987	209.95	ug/L	0.00
41) Toluene-d8	7.91	98	2188875	210.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	436808	238.96	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	858338	417.47	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.76	84	1175132	213.64	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	860469	209.69	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	581805	195.238	ug/L	100
3) Chloromethane	1.52	50	706138	198.805	ug/L	99
5) Vinyl chloride	1.61	62	702736	187.106	ug/L	100
6) Bromomethane	1.84	94	367126	163.704	ug/L	99
8) Chloroethane	1.93	64	433826	181.780	ug/L	98
9) Trichlorofluoromethane	2.14	101	943530	204.838	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	606329	216.558	ug/L	99
12) 1,1-Dichloroethene	2.58	96	572973	213.259	ug/L	88
13) Acetone	2.63	43	1247866	452.717	ug/L	100
14) Carbon disulfide	2.80	76	1839607	224.712	ug/L	99
15) Methyl Acetate	2.95	43	926074	234.184	ug/L	99
16) Methylene chloride	3.06	84	661659	200.225	ug/L	99
17) trans-1,2-Dichloroethene	3.37	96	604401	210.737	ug/L	99
18) Methyl tert-butyl Ether	3.38	73	2083644	211.321	ug/L	100
19) 1,1-Dichloroethane	3.89	63	1232777	213.670	ug/L	99
20) cis-1,2-Dichloroethene	4.68	96	669516	207.077	ug/L	97
22) 2-Butanone	4.72	43	1543214	471.502	ug/L	100
23) Bromochloromethane	4.99	128	334455	215.790	ug/L	98
25) Chloroform	5.11	83	1217518	215.848	ug/L	98
27) 1,2-Dichloroethane	5.81	62	1032963	218.294	ug/L	100
29) Cyclohexane	5.40	56	1198995	212.834	ug/L	98
30) 1,1,1-Trichloroethane	5.33	97	1046577	219.563	ug/L	99
31) Carbon tetrachloride	5.54	117	913277	233.686	ug/L	100
33) Benzene	5.79	78	2625580	198.886	ug/L	100
34) Trichloroethene	6.55	95	674682	205.273	ug/L	98
35) Methylcyclohexane	6.77	83	1136505	200.596	ug/L	99
37) 1,2-Dichloropropane	6.80	63	729596	203.759	ug/L	100
38) Bromodichloromethane	7.11	83	950159	215.996	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	1185283	210.193	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	2652676	462.730	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	2747737	193.959	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	1178410	233.067	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	643730	199.101	ug/L	99
46) Tetrachloroethene	8.56	164	483644	209.124	ug/L	98
48) 2-Hexanone	8.69	43	2186068	465.453	ug/L	98
49) Dibromochloromethane	8.82	129	732156	225.653	ug/L	97
50) 1,2-Dibromoethane	8.93	107	703597	206.233	ug/L	100
51) Chlorobenzene	9.45	112	1768276	205.410	ug/L	99
52) Ethylbenzene	9.57	91	3198629	205.345	ug/L	100
53) m,p-Xylene	9.70	106	1169764	203.899	ug/L	97
54) o-xylene	10.10	106	1138131	200.165	ug/L	95
55) Styrene	10.11	104	1992783	209.009	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	1185216	205.254	ug/L	100
59) Bromoform	10.29	173	544983	215.773	ug/L	100
60) 1,2,3-Trichloropropane	10.82	75	997160	188.837	ug/L	99
61) Isopropylbenzene	10.48	105	3103373	187.035	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	2744283	194.150	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	2788126	196.157	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	1426512	201.254	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	1446849	201.235	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	1389303	193.781	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	307762	204.343	ug/L	98
69) 1,3,5-Trichlorobenzene	13.21	180	971658	197.957	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	880519	213.462	ug/L	99
71) Naphthalene	14.08	128	2983814	208.535	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	821267	197.284	ug/L	98

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

