

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103119\
 Data File : VU035561.D
 Acq On : 30 Oct 2019 14:56
 Operator : JC/SP
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Quant Time: Oct 30 22:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 23:48:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	715499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	721759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	369342	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	1181414	207.22	ug/L	0.00
7) Chloroethane-d5	1.92	69	915774	195.18	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.59	63	1822486	195.10	ug/L	0.00
21) 2-Butanone-d5	4.69	46	1461978	400.16	ug/L	0.00
24) Chloroform-d	5.11	84	1795207	193.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	1076939	185.14	ug/L	0.00
32) Benzene-d6	5.77	84	3755419	195.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	1223972	195.45	ug/L	0.00
41) Toluene-d8	7.93	98	3652760	206.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	613472	209.77	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	1145930	494.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	1788647	203.19	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	1413477	195.27	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	1096305	181.834	ug/L	100
3) Chloromethane	1.53	50	1175606	181.105	ug/L	100
5) Vinyl chloride	1.62	62	1303082	186.517	ug/L	98
6) Bromomethane	1.85	94	689225	213.292	ug/L	98
8) Chloroethane	1.94	64	730697	178.185	ug/L	98
9) Trichlorofluoromethane	2.15	101	1513312	187.499	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	861107	182.454	ug/L	99
12) 1,1-Dichloroethene	2.60	96	863911	192.297	ug/L	90
13) Acetone	2.67	43	1095719	309.538	ug/L	100
14) Carbon disulfide	2.82	76	2622936	182.482	ug/L	100
15) Methyl Acetate	2.99	43	1075671	181.471	ug/L	100
16) Methylene chloride	3.08	84	1024013	184.610	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	918161	193.124	ug/L	97
18) Methyl tert-butyl Ether	3.42	73	2916977	197.038	ug/L	99
19) 1,1-Dichloroethane	3.92	63	1738379	179.714	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	1064753	198.715	ug/L	98
22) 2-Butanone	4.77	43	1633694	365.661	ug/L	98
23) Bromochloromethane	5.02	128	539473	196.085	ug/L	98
25) Chloroform	5.14	83	1724563	179.537	ug/L	100
27) 1,2-Dichloroethane	5.84	62	1290879	176.565	ug/L	99
29) Cyclohexane	5.43	56	1547614	193.799	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	1454119	184.502	ug/L	100
31) Carbon tetrachloride	5.57	117	1306675	187.784	ug/L	99
33) Benzene	5.82	78	3943582	184.831	ug/L	100
34) Trichloroethene	6.58	95	1003728	190.085	ug/L	99
35) Methylcyclohexane	6.80	83	1577437	212.129	ug/L	99
37) 1,2-Dichloropropane	6.84	63	1061749	181.520	ug/L	100
38) Bromodichloromethane	7.15	83	1347706	186.036	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	1761352	204.315	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	3061823	388.169	ug/L	98

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42) Toluene	8.01	91	4347826	196.387	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	1584962	201.800	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	1011574	188.599	ug/L	99
46) Tetrachloroethene	8.58	164	848447	202.750	ug/L	98
48) 2-Hexanone	8.73	43	2411274	380.445	ug/L	95
49) Dibromochloromethane	8.84	129	1188414	204.388	ug/L	98
50) 1,2-Dibromoethane	8.96	107	1122885	198.617	ug/L	98
51) Chlorobenzene	9.48	112	2865360	198.966	ug/L	100
52) Ethylbenzene	9.60	91	4857965	206.589	ug/L	98
53) m,p-Xylene	9.73	106	1879423	215.386	ug/L	95
54) o-xylene	10.13	106	1841277	215.223	ug/L	97
55) Styrene	10.14	104	3185001	227.696	ug/L	99
56) Isopropylbenzene	10.51	105	4753952	220.306	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	1824891	193.232	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	1422944	190.505	ug/L	100
61) Bromoform	10.32	173	981618	176.344	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	2257318	193.079	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	2238671	188.125	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	2225145	186.796	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	367694	188.933	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	1514415	246.326	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	1174014	302.212	ug/L	100
69) Naphthalene	14.11	128	3348709	317.811	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	1154950	286.568	ug/L	99

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

