

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033903.D
 Acq On : 22 Aug 2019 16:24
 Operator : JC/SP
 Sample : VSTD20033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20033

Quant Time: Aug 23 01:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 01:53:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	635198	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	637914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	341890	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	1071464	186.73	ug/L	0.00
7) Chloroethane-d5	1.65	69	816049	155.54	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.25	63	1920909	197.08	ug/L	0.00
21) 2-Butanone-d5	4.14	46	1683387	532.11	ug/L	0.00
24) Chloroform-d	4.61	84	1756292	189.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	1119300	192.03	ug/L	0.00
32) Benzene-d6	5.31	84	3579947	198.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	1166334	198.73	ug/L	0.00
41) Toluene-d8	7.54	98	3311448	198.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	589852	216.30	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	1260496	565.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	1662633	204.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	1347984	196.07	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1079603	173.672	ug/L	99
3) Chloromethane	1.32	50	1061622	167.214	ug/L	99
5) Vinyl chloride	1.39	62	1219451	171.946	ug/L	98
6) Bromomethane	1.59	94	483921	99.204	ug/L	98
8) Chloroethane	1.67	64	702909	144.194	ug/L	99
9) Trichlorofluoromethane	1.86	101	1406398	151.404	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	797445	174.342	ug/L	99
12) 1,1-Dichloroethene	2.26	96	785065	178.117	ug/L	91
13) Acetone	2.30	43	1188078	384.708	ug/L	100
14) Carbon disulfide	2.45	76	2476846	178.114	ug/L	100
15) Methyl Acetate	2.59	43	1136815	222.528	ug/L	99
16) Methylene chloride	2.68	84	937088	181.725	ug/L	99
17) trans-1,2-Dichloroethene	2.95	96	863670	186.898	ug/L	98
18) Methyl tert-butyl Ether	2.97	73	2805034	206.893	ug/L	99
19) 1,1-Dichloroethane	3.41	63	1699201	189.571	ug/L	99
20) cis-1,2-Dichloroethene	4.19	96	992931	198.502	ug/L	97
22) 2-Butanone	4.23	43	1748256	486.040	ug/L	100
23) Bromochloromethane	4.51	128	488678	180.917	ug/L	98
25) Chloroform	4.64	83	1643432	177.752	ug/L	98
27) 1,2-Dichloroethane	5.38	62	1309054	186.032	ug/L	100
29) Cyclohexane	4.96	56	1535367	219.525	ug/L	99
30) 1,1,1-Trichloroethane	4.88	97	1369187	177.784	ug/L	99
31) Carbon tetrachloride	5.11	117	1227017	175.465	ug/L	100
33) Benzene	5.36	78	3634491	186.597	ug/L	100
34) Trichloroethene	6.16	95	938172	182.089	ug/L	98
35) Methylcyclohexane	6.39	83	1548108	203.065	ug/L	98
37) 1,2-Dichloropropane	6.41	63	995088	186.936	ug/L	99
38) Bromodichloromethane	6.73	83	1296618	188.048	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	1662450	213.146	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	3168772	487.104	ug/L	99

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42) Toluene	7.61	91	3863511	188.841	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	1482628	207.414	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	910717	182.506	ug/L	98
46) Tetrachloroethene	8.21	164	728967	176.977	ug/L	98
48) 2-Hexanone	8.34	43	2499990	492.128	ug/L	99
49) Dibromochloromethane	8.46	129	1039600	185.935	ug/L	100
50) 1,2-Dibromoethane	8.57	107	1007991	190.624	ug/L	98
51) Chlorobenzene	9.10	112	2505116	185.500	ug/L	99
52) Ethylbenzene	9.23	91	4403757	202.425	ug/L	100
53) m,p-Xylene	9.36	106	1648476	203.101	ug/L	99
54) o-xylene	9.76	106	1633778	207.252	ug/L	99
55) Styrene	9.77	104	2825975	209.530	ug/L	98
56) Isopropylbenzene	10.15	105	4305915	209.048	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	1614983	198.198	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	1275856	196.214	ug/L	100
61) Bromoform	9.94	173	810253	187.944	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	2036005	188.108	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	2057414	183.648	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	2025300	186.883	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	403377	217.960	ug/L	93
67) 1,3,5-Trichlorobenzene	12.87	180	1665409	199.880	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	1515824	221.492	ug/L	99
69) Naphthalene	13.73	128	4829950	251.305	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	1511462	213.056	ug/L	99

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

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