

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025980.D
 Acq On : 08 Aug 2018 20:06
 Operator : MD/SY
 Sample : VSTD05044
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Aug 09 01:27:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 09 01:26:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	310491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148160	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112975	62.37	ug/L	0.00
7) Chloroethane-d5	1.67	69	90404	65.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	225934	63.53	ug/L	0.00
21) 2-Butanone-d5	4.18	46	189887	145.49	ug/L	0.00
24) Chloroform-d	4.65	84	244041	67.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	161214	67.64	ug/L	0.00
32) Benzene-d6	5.35	84	465163	66.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	148692	68.29	ug/L	0.00
41) Toluene-d8	7.57	98	446258	66.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	76084	67.27	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	139548	150.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	219022	71.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	182793	68.78	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135900	55.96	ug/L	100
3) Chloromethane	1.33	50	121246	58.71	ug/L	100
5) Vinyl chloride	1.40	62	120384	55.13	ug/L	100
6) Bromomethane	1.62	94	67655	66.30	ug/L	100
8) Chloroethane	1.69	64	70637	55.96	ug/L	100
9) Trichlorofluoromethane	1.88	101	166713	53.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	100683	56.89	ug/L	100
12) 1,1-Dichloroethene	2.28	96	92571	57.39	ug/L	100
13) Acetone	2.32	43	114895	84.64	ug/L	100
14) Carbon disulfide	2.48	76	298746	52.81	ug/L	100
15) Methyl Acetate	2.62	43	124260	56.55	ug/L	100
16) Methylene chloride	2.70	84	111557	53.94	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	101599	52.36	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	333313	53.81	ug/L	100
19) 1,1-Dichloroethane	3.45	63	193680	54.57	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	115244	53.06	ug/L	100
22) 2-Butanone	4.26	43	173775	100.25	ug/L	100
23) Bromochloromethane	4.55	128	62166	54.07	ug/L	100
25) Chloroform	4.68	83	204131	54.27	ug/L	100
27) 1,2-Dichloroethane	5.41	62	168887	55.88	ug/L	100
29) Cyclohexane	5.00	56	168594	53.96	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	185484	54.74	ug/L	100
31) Carbon tetrachloride	5.14	117	172165	56.54	ug/L	100
33) Benzene	5.39	78	426475	54.91	ug/L	100
34) Trichloroethene	6.19	95	110446	51.59	ug/L	100
35) Methylcyclohexane	6.42	83	172822	53.18	ug/L	100
37) 1,2-Dichloropropane	6.44	63	116404	55.98	ug/L	100
38) Bromodichloromethane	6.76	83	154789	54.90	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	183841	54.60	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	325984	114.40	ug/L	100

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42) Toluene	7.64	91	461794	54.61	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	171244	54.16	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	112737	56.44	ug/L	100
46) Tetrachloroethene	8.23	164	93400	51.02	ug/L	100
48) 2-Hexanone	8.36	43	253891	111.33	ug/L	100
49) Dibromochloromethane	8.48	129	135777	55.73	ug/L	100
50) 1,2-Dibromoethane	8.59	107	120561	54.44	ug/L	100
51) Chlorobenzene	9.12	112	306871	53.23	ug/L	100
52) Ethylbenzene	9.25	91	504488	52.91	ug/L	100
53) m,p-Xylene	9.38	106	196322	52.43	ug/L	100
54) o-xylene	9.78	106	193106	54.04	ug/L	100
55) Styrene	9.80	104	326301	54.31	ug/L	100
56) Isopropylbenzene	10.17	105	503575	53.11	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	189094	56.22	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	150291	56.66	ug/L	100
61) Bromoform	9.96	173	100488	57.93	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	231199	52.11	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	238243	52.43	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	247180	54.85	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	42652	60.83	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	176338	53.66	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	147990	52.63	ug/L	100
69) Naphthalene	13.75	128	504188	59.28	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	163758	55.69	ug/L	100

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

