

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025981.D
 Acq On : 08 Aug 2018 20:30
 Operator : MD/SY
 Sample : VSTD10045
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10045

Quant Time: Aug 09 01:28:00 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	323247	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162364	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	230156	122.05	ug/L	0.00
7) Chloroethane-d5	1.67	69	181499	126.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	443049	119.66	ug/L	0.00
21) 2-Butanone-d5	4.17	46	397688	292.69	ug/L	0.00
24) Chloroform-d	4.65	84	494564	131.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	327065	131.81	ug/L	0.00
32) Benzene-d6	5.34	84	951619	129.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	304747	132.15	ug/L	0.00
41) Toluene-d8	7.57	98	921764	129.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	159255	132.95	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	302100	306.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	456601	140.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	390911	134.22	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	277860	109.89	ug/L	100
3) Chloromethane	1.33	50	243447	113.23	ug/L	100
5) Vinyl chloride	1.40	62	241006	106.01	ug/L	99
6) Bromomethane	1.61	94	141760	133.43	ug/L	98
8) Chloroethane	1.69	64	140606	107.00	ug/L	97
9) Trichlorofluoromethane	1.88	101	341596	105.08	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	199787	108.44	ug/L	98
12) 1,1-Dichloroethene	2.28	96	184180	109.67	ug/L	93
13) Acetone	2.32	43	230017	162.75	ug/L	99
14) Carbon disulfide	2.47	76	606953	103.05	ug/L	100
15) Methyl Acetate	2.62	43	252370	110.32	ug/L	98
16) Methylene chloride	2.70	84	224051	104.06	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	205538	101.75	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	683487	105.99	ug/L	99
19) 1,1-Dichloroethane	3.45	63	396183	107.23	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	238326	105.39	ug/L	99
22) 2-Butanone	4.26	43	359166	199.03	ug/L	100
23) Bromochloromethane	4.55	128	125893	105.18	ug/L	96
25) Chloroform	4.68	83	413828	105.67	ug/L	99
27) 1,2-Dichloroethane	5.41	62	342155	108.75	ug/L	100
29) Cyclohexane	5.00	56	352026	106.38	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	374984	104.49	ug/L	100
31) Carbon tetrachloride	5.14	117	347363	107.70	ug/L	98
33) Benzene	5.39	78	869596	105.72	ug/L	100
34) Trichloroethene	6.19	95	226366	99.84	ug/L	98
35) Methylcyclohexane	6.42	83	364284	105.84	ug/L	99
37) 1,2-Dichloropropane	6.44	63	236811	107.53	ug/L	100
38) Bromodichloromethane	6.76	83	322640	108.06	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	380166	106.60	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	684946	226.95	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	953119	106.42	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	363219	108.46	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	228036	107.79	ug/L	98
46) Tetrachloroethene	8.23	164	195248	100.70	ug/L	98
48) 2-Hexanone	8.36	43	538373	222.90	ug/L	99
49) Dibromochloromethane	8.48	129	284451	110.24	ug/L	100
50) 1,2-Dibromoethane	8.59	107	247863	105.69	ug/L	99
51) Chlorobenzene	9.12	112	634066	103.84	ug/L	99
52) Ethylbenzene	9.25	91	1060540	105.01	ug/L	99
53) m,p-Xylene	9.38	106	409143	103.18	ug/L	99
54) o-xylene	9.78	106	411258	108.66	ug/L	97
55) Styrene	9.80	104	704713	110.74	ug/L	99
56) Isopropylbenzene	10.17	105	1071265	106.68	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	389244	109.26	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	310163	110.40	ug/L	99
61) Bromoform	9.96	173	216798	114.04	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	502452	103.34	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	511402	102.70	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	528588	107.04	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	92487	120.37	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	384056	106.65	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	333450	108.21	ug/L	100
69) Naphthalene	13.75	128	1145021	122.85	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	359833	111.66	ug/L	99

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

