

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\
 Data File : VU026242.D
 Acq On : 22 Aug 2018 12:29
 Operator : MD/SY
 Sample : VSTD10043
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10043

Quant Time: Aug 23 04:41:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 04:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309800	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299920	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	169122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	191744	87.40	ug/L	0.00
7) Chloroethane-d5	1.67	69	154604	88.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	373562	89.65	ug/L	0.00
21) 2-Butanone-d5	4.18	46	309677	170.43	ug/L	0.00
24) Chloroform-d	4.65	84	430492	91.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	273825	86.77	ug/L	0.00
32) Benzene-d6	5.35	84	823535	90.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	264411	90.35	ug/L	0.00
41) Toluene-d8	7.57	98	807754	92.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	138945	93.51	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	240071	182.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	388138	90.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	345883	85.32	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	257720	95.98	ug/L	100
3) Chloromethane	1.33	50	236454	97.51	ug/L	99
5) Vinyl chloride	1.40	62	233230	100.02	ug/L	97
6) Bromomethane	1.62	94	149838	116.83	ug/L	100
8) Chloroethane	1.70	64	135457	96.52	ug/L	99
9) Trichlorofluoromethane	1.88	101	332072	98.72	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	186345	96.57	ug/L	100
12) 1,1-Dichloroethene	2.28	96	170812	96.55	ug/L	93
13) Acetone	2.32	43	229333	192.82	ug/L	99
14) Carbon disulfide	2.48	76	628722	105.02	ug/L	100
15) Methyl Acetate	2.62	43	232087	95.17	ug/L	99
16) Methylene chloride	2.70	84	225972	98.26	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	205292	102.37	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	653357	99.89	ug/L	100
19) 1,1-Dichloroethane	3.45	63	382648	98.08	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	235739	102.15	ug/L	98
22) 2-Butanone	4.26	43	326868	193.77	ug/L	98
23) Bromochloromethane	4.55	128	124824	101.45	ug/L	97
25) Chloroform	4.68	83	406626	100.54	ug/L	98
27) 1,2-Dichloroethane	5.41	62	325269	98.00	ug/L	100
29) Cyclohexane	5.00	56	343044	102.52	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	362660	95.75	ug/L	100
31) Carbon tetrachloride	5.14	117	337903	97.70	ug/L	100
33) Benzene	5.39	78	866705	100.77	ug/L	100
34) Trichloroethene	6.19	95	226922	101.48	ug/L	99
35) Methylcyclohexane	6.42	83	370100	107.54	ug/L	99
37) 1,2-Dichloropropane	6.44	63	234095	99.61	ug/L	99
38) Bromodichloromethane	6.76	83	314283	100.48	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	367099	103.82	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	612270	193.33	ug/L	100

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42) Toluene	7.64	91	947430	103.88	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	362223	106.89	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	222450	99.72	ug/L	98
46) Tetrachloroethene	8.23	164	195694	102.57	ug/L	96
48) 2-Hexanone	8.36	43	485733	195.38	ug/L	98
49) Dibromochloromethane	8.48	129	278694	103.23	ug/L	99
50) 1,2-Dibromoethane	8.59	107	244644	100.32	ug/L	98
51) Chlorobenzene	9.12	112	623253	101.64	ug/L	99
52) Ethylbenzene	9.25	91	1048389	105.22	ug/L	100
53) m,p-Xylene	9.38	106	412725	108.08	ug/L	97
54) o-xylene	9.78	106	406185	107.55	ug/L	96
55) Styrene	9.79	104	702179	111.08	ug/L	99
56) Isopropylbenzene	10.17	105	1062207	109.45	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	374855	98.91	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	291029	96.90	ug/L	99
61) Bromoform	9.96	173	213588	93.26	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	512773	97.02	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	527926	95.33	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	533494	95.03	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	88480	90.35	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	408395	102.87	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	365883	108.17	ug/L	99
69) Naphthalene	13.74	128	1170450	108.59	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	386141	106.61	ug/L	98

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

