

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026133.D
 Acq On : 15 Aug 2018 09:12
 Operator : MD/SY
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10063

Quant Time: Aug 16 02:02:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:00:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	308246	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	301211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	160392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	181071	100.04	ug/L	0.00
7) Chloroethane-d5	1.67	69	146650	98.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	355341	99.98	ug/L	0.00
21) 2-Butanone-d5	4.18	46	290232	208.98	ug/L	0.00
24) Chloroform-d	4.65	84	407189	100.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	260085	98.02	ug/L	0.00
32) Benzene-d6	5.34	84	777944	100.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	250135	97.97	ug/L	0.00
41) Toluene-d8	7.57	98	765133	102.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	128371	106.20	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	231022	220.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	364381	101.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	328306	98.36	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242875	99.52	ug/L	100
3) Chloromethane	1.33	50	219211	98.64	ug/L	99
5) Vinyl chloride	1.40	62	220879	99.54	ug/L	100
6) Bromomethane	1.61	94	120824	105.67	ug/L	96
8) Chloroethane	1.69	64	134186	101.00	ug/L	100
9) Trichlorofluoromethane	1.88	101	321422	98.09	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	179372	101.04	ug/L	98
12) 1,1-Dichloroethene	2.28	96	162538	99.77	ug/L	97
13) Acetone	2.32	43	234513	184.51	ug/L	98
14) Carbon disulfide	2.48	76	557720	98.73	ug/L	100
15) Methyl Acetate	2.61	43	218740	99.21	ug/L	100
16) Methylene chloride	2.70	84	210191	96.32	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	191230	98.96	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	630309	102.76	ug/L	98
19) 1,1-Dichloroethane	3.45	63	366404	98.49	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	220980	101.99	ug/L	97
22) 2-Butanone	4.26	43	321492	203.03	ug/L	99
23) Bromochloromethane	4.55	128	117026	99.92	ug/L	97
25) Chloroform	4.68	83	389893	99.83	ug/L	99
27) 1,2-Dichloroethane	5.41	62	312537	98.98	ug/L	100
29) Cyclohexane	5.00	56	320244	106.40	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	350872	97.50	ug/L	98
31) Carbon tetrachloride	5.14	117	324162	99.42	ug/L	99
33) Benzene	5.39	78	812450	99.61	ug/L	100
34) Trichloroethene	6.19	95	210604	99.12	ug/L	97
35) Methylcyclohexane	6.42	83	336634	105.54	ug/L	99
37) 1,2-Dichloropropane	6.44	63	224072	98.37	ug/L	99
38) Bromodichloromethane	6.76	83	301972	100.13	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	351819	104.05	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	588321	208.21	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026133.D
 Acq On : 15 Aug 2018 09:12
 Operator : MD/SY
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10063

Quant Time: Aug 16 02:02:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:00:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	886231	102.32	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	337769	103.67	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	211949	98.14	ug/L	97
46) Tetrachloroethene	8.23	164	181107	98.83	ug/L	98
48) 2-Hexanone	8.36	43	468932	211.81	ug/L	99
49) Dibromochloromethane	8.48	129	266653	102.51	ug/L	97
50) 1,2-Dibromoethane	8.59	107	226494	101.00	ug/L	98
51) Chlorobenzene	9.12	112	592675	100.12	ug/L	100
52) Ethylbenzene	9.25	91	997361	105.70	ug/L	100
53) m,p-Xylene	9.38	106	390405	107.37	ug/L	97
54) o-xylene	9.78	106	386635	106.56	ug/L	100
55) Styrene	9.80	104	667150	110.44	ug/L	100
56) Isopropylbenzene	10.17	105	1014787	108.94	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	363969	100.91	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	286072	101.95	ug/L	99
61) Bromoform	9.96	173	204219	97.38	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	483338	100.56	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	489502	98.75	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	512807	99.83	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	81543	100.12	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	373598	105.25	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	308645	114.78	ug/L	100
69) Naphthalene	13.74	128	956110	124.93	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	326165	113.12	ug/L	99

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

