

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026134.D
 Acq On : 15 Aug 2018 09:36
 Operator : MD/SY
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20064

Quant Time: Aug 16 02:02:35 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	314438	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178350	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	363417	196.83	ug/L	0.00
7) Chloroethane-d5	1.66	69	295180	194.49	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	709777	195.76	ug/L	0.00
21) 2-Butanone-d5	4.18	46	595354	420.24	ug/L	0.00
24) Chloroform-d	4.65	84	823071	199.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	529000	195.45	ug/L	0.00
32) Benzene-d6	5.34	84	1610537	202.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	512128	195.52	ug/L	0.00
41) Toluene-d8	7.57	98	1571725	206.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	271555	218.97	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	507209	472.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	775013	210.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	712740	192.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	487622	195.87	ug/L	100
3) Chloromethane	1.33	50	448709	197.92	ug/L	99
5) Vinyl chloride	1.40	62	452677	199.98	ug/L	100
6) Bromomethane	1.61	94	193853	166.20	ug/L	98
8) Chloroethane	1.68	64	264926	195.47	ug/L	100
9) Trichlorofluoromethane	1.88	101	645521	193.13	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	349517	193.01	ug/L	98
12) 1,1-Dichloroethene	2.28	96	322586	194.12	ug/L	94
13) Acetone	2.32	43	453219	349.56	ug/L	97
14) Carbon disulfide	2.47	76	1148284	199.27	ug/L	100
15) Methyl Acetate	2.61	43	441366	196.24	ug/L	99
16) Methylene chloride	2.70	84	433563	194.76	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	395770	200.77	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1303944	208.39	ug/L	99
19) 1,1-Dichloroethane	3.45	63	751795	198.10	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	460318	208.28	ug/L	99
22) 2-Butanone	4.26	43	649614	402.17	ug/L	98
23) Bromochloromethane	4.55	128	238582	199.70	ug/L	97
25) Chloroform	4.67	83	789168	198.08	ug/L	100
27) 1,2-Dichloroethane	5.41	62	634209	196.89	ug/L	100
29) Cyclohexane	5.00	56	666288	215.79	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	713425	193.23	ug/L	99
31) Carbon tetrachloride	5.14	117	660472	197.45	ug/L	100
33) Benzene	5.39	78	1664502	198.92	ug/L	100
34) Trichloroethene	6.19	95	432260	198.30	ug/L	98
35) Methylcyclohexane	6.42	83	709253	216.75	ug/L	99
37) 1,2-Dichloropropane	6.44	63	458178	196.06	ug/L	99
38) Bromodichloromethane	6.76	83	621944	201.01	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	731142	210.76	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	1247638	430.38	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	1838409	206.88	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	714858	213.86	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	436617	197.05	ug/L	98
46) Tetrachloroethene	8.23	164	380438	202.37	ug/L	99
48) 2-Hexanone	8.36	43	990485	436.08	ug/L	98
49) Dibromochloromethane	8.48	129	559278	209.58	ug/L	98
50) 1,2-Dibromoethane	8.59	107	480094	208.67	ug/L	99
51) Chlorobenzene	9.12	112	1249428	205.74	ug/L	99
52) Ethylbenzene	9.25	91	2102922	217.25	ug/L	100
53) m,p-Xylene	9.38	106	825161	221.21	ug/L	100
54) o-xylene	9.78	106	821041	220.58	ug/L	100
55) Styrene	9.80	104	1417177	228.67	ug/L	98
56) Isopropylbenzene	10.17	105	2162829	226.32	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	769102	207.85	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	601172	208.83	ug/L	100
61) Bromoform	9.96	173	446174	191.34	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1068040	199.83	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	1081041	196.13	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1093667	191.47	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	177524	196.02	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	820838	207.97	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	708060	236.80	ug/L	100
69) Naphthalene	13.74	128	2175284	255.62	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	725430	226.25	ug/L	99

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

