

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122018\
 Data File : VU028813.D
 Acq On : 20 Dec 2018 10:34
 Operator : MD/SY
 Sample : VSTD10058
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10058

Quant Time: Dec 21 03:32:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:28:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170195	108.07	ug/L	0.00
7) Chloroethane-d5	1.67	69	128905	105.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	277128	104.64	ug/L	0.00
21) 2-Butanone-d5	4.17	46	242506	219.79	ug/L	0.00
24) Chloroform-d	4.65	84	264379	106.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	159040	104.19	ug/L	0.00
32) Benzene-d6	5.34	84	570331	105.70	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	193733	105.69	ug/L	0.00
41) Toluene-d8	7.56	98	524870	107.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	89780	109.30	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	194775	223.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269024	105.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	195574	104.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	162136	101.225 ug/L	98
3) Chloromethane	1.33	50	215902	99.127 ug/L	99
5) Vinyl chloride	1.40	62	198261	103.040 ug/L	98
6) Bromomethane	1.61	94	79721	97.268 ug/L	98
8) Chloroethane	1.69	64	111636	101.647 ug/L	99
9) Trichlorofluoromethane	1.88	101	202271	102.801 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	129049	101.370 ug/L	100
12) 1,1-Dichloroethene	2.28	96	128265	101.840 ug/L	86
13) Acetone	2.32	43	214940	191.160 ug/L	100
14) Carbon disulfide	2.48	76	444179	100.990 ug/L	99
15) Methyl Acetate	2.61	43	176820	100.869 ug/L	99
16) Methylene chloride	2.70	84	156566	100.802 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	139058	101.910 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	434439	103.538 ug/L	99
19) 1,1-Dichloroethane	3.44	63	271256	102.264 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	160632	103.920 ug/L	97
22) 2-Butanone	4.26	43	283602	207.127 ug/L	100
23) Bromochloromethane	4.55	128	73276	99.443 ug/L	99
25) Chloroform	4.67	83	255853	101.342 ug/L	99
27) 1,2-Dichloroethane	5.40	62	193175	102.957 ug/L	97
29) Cyclohexane	4.99	56	262547	103.279 ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	201282	99.566 ug/L	99
31) Carbon tetrachloride	5.13	117	166591	102.189 ug/L	99
33) Benzene	5.39	78	619361	101.857 ug/L	100
34) Trichloroethene	6.18	95	146286	99.647 ug/L	98
35) Methylcyclohexane	6.41	83	257270	105.221 ug/L	100
37) 1,2-Dichloropropane	6.43	63	171243	100.744 ug/L	100
38) Bromodichloromethane	6.76	83	193418	102.754 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	255586	105.469 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	474695	207.772 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	635239	103.056	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	227314	105.231	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	146563	100.846	ug/L	99
46) Tetrachloroethene	8.22	164	113862	100.706	ug/L	98
48) 2-Hexanone	8.36	43	384180	204.877	ug/L	99
49) Dibromochloromethane	8.48	129	149165	103.042	ug/L	99
50) 1,2-Dibromoethane	8.58	107	154328	102.062	ug/L	100
51) Chlorobenzene	9.12	112	394676	101.595	ug/L	99
52) Ethylbenzene	9.25	91	697735	105.346	ug/L	99
53) m,p-Xylene	9.37	106	257859	105.283	ug/L	98
54) o-xylene	9.78	106	258521	105.315	ug/L	100
55) Styrene	9.79	104	450300	108.313	ug/L	100
56) Isopropylbenzene	10.16	105	660299	106.036	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	267797	101.430	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	203807	100.474	ug/L	99
61) Bromoform	9.95	173	114676	99.798	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	302025	102.569	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	304833	100.480	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	310214	100.992	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	53345	100.680	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	228795	105.384	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	202025	111.122	ug/L	99
69) Naphthalene	13.74	128	695373	110.166	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	206552	105.362	ug/L	98

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

