

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U113018\
 Data File : VU028410.D
 Acq On : 30 Nov 2018 09:50
 Operator : MD/SY
 Sample : VSTD05055
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: Nov 30 22:53:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 22:49:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	472817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215932	51.05	ug/L	0.00
7) Chloroethane-d5	1.68	69	167130	51.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	378126	50.26	ug/L	0.00
21) 2-Butanone-d5	4.17	46	364802	105.08	ug/L	0.00
24) Chloroform-d	4.65	84	350353	51.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	232294	49.98	ug/L	0.00
32) Benzene-d6	5.34	84	720231	51.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	257996	50.71	ug/L	0.00
41) Toluene-d8	7.57	98	646496	50.59	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	117263	51.04	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	257291	104.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	330762	50.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	223346	50.34	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	211297	49.979	ug/L	100
3) Chloromethane	1.33	50	302939	49.593	ug/L	100
5) Vinyl chloride	1.40	62	260349	49.832	ug/L	100
6) Bromomethane	1.63	94	73280	49.830	ug/L	100
8) Chloroethane	1.70	64	148431	50.606	ug/L	100
9) Trichlorofluoromethane	1.89	101	266087	50.008	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	156050	50.523	ug/L	100
12) 1,1-Dichloroethene	2.29	96	149624	50.146	ug/L	100
13) Acetone	2.32	43	354640	98.194	ug/L	100
14) Carbon disulfide	2.48	76	557769	49.376	ug/L	100
15) Methyl Acetate	2.62	43	268711	50.290	ug/L	100
16) Methylene chloride	2.70	84	193360	50.061	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	170588	50.448	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	585689	49.844	ug/L	100
19) 1,1-Dichloroethane	3.45	63	364954	49.963	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	192561	49.513	ug/L	100
22) 2-Butanone	4.26	43	466265	103.128	ug/L	100
23) Bromochloromethane	4.55	128	84048	49.400	ug/L	100
25) Chloroform	4.67	83	334862	50.070	ug/L	100
27) 1,2-Dichloroethane	5.40	62	279433	50.471	ug/L	100
29) Cyclohexane	5.00	56	367961	50.053	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	270104	50.376	ug/L	100
31) Carbon tetrachloride	5.13	117	216452	50.121	ug/L	100
33) Benzene	5.39	78	777322	49.956	ug/L	100
34) Trichloroethene	6.19	95	184194	49.507	ug/L	100
35) Methylcyclohexane	6.41	83	323617	49.967	ug/L	100
37) 1,2-Dichloropropane	6.43	63	233425	50.595	ug/L	100
38) Bromodichloromethane	6.76	83	254738	49.760	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	322389	49.214	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	734731	100.698	ug/L	100

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42) Toluene	7.64	91	803130	50.716	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	301923	50.299	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	179350	49.989	ug/L	100
46) Tetrachloroethene	8.23	164	130408	49.842	ug/L	100
48) 2-Hexanone	8.36	43	616732	100.607	ug/L	100
49) Dibromochloromethane	8.48	129	181742	49.522	ug/L	100
50) 1,2-Dibromoethane	8.58	107	194092	50.329	ug/L	100
51) Chlorobenzene	9.12	112	471518	49.916	ug/L	100
52) Ethylbenzene	9.25	91	873820	49.953	ug/L	100
53) m,p-Xylene	9.37	106	312964	50.162	ug/L	100
54) o-xylene	9.78	106	310294	50.212	ug/L	100
55) Styrene	9.79	104	529693	50.030	ug/L	100
56) Isopropylbenzene	10.17	105	816465	50.083	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	335679	50.157	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	258723	49.403	ug/L	100
61) Bromoform	9.96	173	132668	48.885	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	353841	49.208	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	352304	48.652	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	351018	49.180	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	72240	50.241	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	261883	49.506	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	242184	49.157	ug/L	100
69) Naphthalene	13.74	128	857809	49.933	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	246213	49.613	ug/L	100

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

