

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029913.D
 Acq On : 09 Mar 2019 12:04
 Operator : JC/SP
 Sample : VSTD05044
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Mar 11 01:58:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 01:54:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	526406	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	272401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	162588	43.44	ug/L	0.00
7) Chloroethane-d5	1.68	69	134922	40.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	306617	42.71	ug/L	0.00
21) 2-Butanone-d5	4.17	46	259740	109.12	ug/L	0.00
24) Chloroform-d	4.64	84	315963	50.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	185248	47.25	ug/L	0.00
32) Benzene-d6	5.34	84	656838	49.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	196308	49.56	ug/L	0.00
41) Toluene-d8	7.56	98	640564	47.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	95201	46.11	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	217512	98.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313398	47.27	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	260986	45.36	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	209358	55.943	ug/L	100
3) Chloromethane	1.33	50	265901	73.400	ug/L	100
5) Vinyl chloride	1.40	62	214561	49.902	ug/L	100
6) Bromomethane	1.62	94	56510	30.861	ug/L	100
8) Chloroethane	1.69	64	130530	46.148	ug/L	100
9) Trichlorofluoromethane	1.88	101	285914	43.059	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	172429	47.991	ug/L	100
12) 1,1-Dichloroethene	2.28	96	167871	48.974	ug/L	100
13) Acetone	2.32	43	281624	108.897	ug/L	100
14) Carbon disulfide	2.48	76	528085	56.001	ug/L	100
15) Methyl Acetate	2.61	43	198745	58.394	ug/L	100
16) Methylene chloride	2.70	84	197391	56.546	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	180124	54.616	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	441712	45.313	ug/L	100
19) 1,1-Dichloroethane	3.44	63	310315	54.286	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	203710	53.261	ug/L	100
22) 2-Butanone	4.26	43	335499	113.276	ug/L	100
23) Bromochloromethane	4.55	128	103269	50.429	ug/L	100
25) Chloroform	4.67	83	328398	52.041	ug/L	100
27) 1,2-Dichloroethane	5.40	62	238086	49.867	ug/L	100
29) Cyclohexane	4.99	56	279379	52.770	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	279477	50.085	ug/L	100
31) Carbon tetrachloride	5.13	117	243042	48.460	ug/L	100
33) Benzene	5.39	78	732884	53.527	ug/L	100
34) Trichloroethene	6.18	95	190314	52.036	ug/L	100
35) Methylcyclohexane	6.41	83	314168	51.556	ug/L	100
37) 1,2-Dichloropropane	6.43	63	187987	52.600	ug/L	100
38) Bromodichloromethane	6.75	83	240336	50.351	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	288892	50.843	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	506375	101.639	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	810189	50.694	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	264100	49.503	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	190437	50.498	ug/L	100
46) Tetrachloroethene	8.22	164	168635	47.933	ug/L	100
48) 2-Hexanone	8.36	43	434910	100.099	ug/L	100
49) Dibromochloromethane	8.47	129	207500	46.301	ug/L	100
50) 1,2-Dibromoethane	8.58	107	208752	50.127	ug/L	100
51) Chlorobenzene	9.12	112	532465	48.991	ug/L	100
52) Ethylbenzene	9.25	91	883475	49.095	ug/L	100
53) m,p-Xylene	9.37	106	339249	47.225	ug/L	100
54) o-xylene	9.78	106	340127	47.254	ug/L	100
55) Styrene	9.79	104	552819	45.790	ug/L	100
56) Isopropylbenzene	10.16	105	882057	46.865	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	330589	49.632	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	251301	49.902	ug/L	100
61) Bromoform	9.95	173	166920	46.062	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	429438	49.464	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	434363	49.651	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	436368	48.272	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	67624	48.521	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	325579	49.167	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	294596	51.201	ug/L	100
69) Naphthalene	13.74	128	908151	51.697	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	304234	49.822	ug/L	100

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

