

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU031984.D
 Acq On : 14 May 2019 11:08
 Operator : JC/SP
 Sample : VSTD05052
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: May 15 01:48:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 01:44:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1047706	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1080163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	482184	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	449914	51.21	ug/L	0.00
7) Chloroethane-d5	1.67	69	370898	53.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	801394	46.71	ug/L	0.00
21) 2-Butanone-d5	4.17	46	661882	87.32	ug/L	0.00
24) Chloroform-d	4.64	84	760194	48.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	474035	46.30	ug/L	0.00
32) Benzene-d6	5.33	84	1577652	48.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	503548	44.34	ug/L	0.00
41) Toluene-d8	7.56	98	1424356	49.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	228325	46.81	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	437544	89.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	745388	48.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	511425	50.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	460208	41.296	ug/L 100
3) Chloromethane	1.32	50	517575	38.857	ug/L 100
5) Vinyl chloride	1.40	62	539901	42.630	ug/L 100
6) Bromomethane	1.61	94	282816	42.179	ug/L 100
8) Chloroethane	1.69	64	314071	44.947	ug/L 100
9) Trichlorofluoromethane	1.88	101	601465	41.806	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	371364	44.893	ug/L 100
12) 1,1-Dichloroethene	2.28	96	370965	45.925	ug/L 100
13) Acetone	2.32	43	635034	74.837	ug/L 100
14) Carbon disulfide	2.47	76	1181297	44.289	ug/L 100
15) Methyl Acetate	2.61	43	482785	37.635	ug/L # 100
16) Methylene chloride	2.70	84	448143	46.763	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	388669	46.029	ug/L 100
18) Methyl tert-butyl Ether	3.00	73	1209984	45.394	ug/L 100
19) 1,1-Dichloroethane	3.44	63	757002	43.401	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	436728	48.108	ug/L 100
22) 2-Butanone	4.26	43	787739	83.474	ug/L 100
23) Bromochloromethane	4.54	128	211941	47.824	ug/L 100
25) Chloroform	4.67	83	742451	44.294	ug/L 100
27) 1,2-Dichloroethane	5.40	62	578923	42.717	ug/L 100
29) Cyclohexane	4.99	56	671836	40.971	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	590155	40.450	ug/L 100
31) Carbon tetrachloride	5.13	117	496024	39.939	ug/L 100
33) Benzene	5.38	78	1726502	44.450	ug/L 100
34) Trichloroethene	6.18	95	414463	44.043	ug/L 100
35) Methylcyclohexane	6.41	83	667192	46.856	ug/L 100
37) 1,2-Dichloropropane	6.43	63	459018	42.052	ug/L 100
38) Bromodichloromethane	6.75	83	549360	41.582	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	678753	46.100	ug/L 100
40) 4-Methyl-2-pentanone	7.45	43	1295244	78.410	ug/L 100

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42) Toluene	7.63	91	1826967	46.902	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	588873	44.632	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	411693	45.187	ug/L	100
46) Tetrachloroethene	8.22	164	295781	45.548	ug/L	100
48) 2-Hexanone	8.36	43	1064291	80.033	ug/L	100
49) Dibromochloromethane	8.47	129	416304	44.167	ug/L	100
50) 1,2-Dibromoethane	8.58	107	438590	45.337	ug/L	100
51) Chlorobenzene	9.12	112	1096198	47.241	ug/L	100
52) Ethylbenzene	9.24	91	1933884	47.694	ug/L	100
53) m,p-Xylene	9.37	106	732021	50.833	ug/L	100
54) o-xylene	9.77	106	718687	50.770	ug/L	100
55) Styrene	9.79	104	1244373	51.606	ug/L	100
56) Isopropylbenzene	10.16	105	1814246	49.101	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	739877	45.477	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	585395	44.546	ug/L	100
61) Bromoform	9.95	173	302720	43.274	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	769857	48.338	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	806243	48.721	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	817192	48.290	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	154789	40.929	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	562836	47.273	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	456420	48.600	ug/L	100
69) Naphthalene	13.74	128	1615745	50.250	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	509828	47.732	ug/L	100

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

