

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
 Data File : VU032321.D
 Acq On : 28 May 2019 12:12
 Operator : JC/SP
 Sample : VSTD10056
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10056

Quant Time: May 29 04:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 04:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	841248	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	846525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	443038	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	605452	127.40	ug/L	0.00
7) Chloroethane-d5	1.66	69	481687	110.30	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	1060948	115.96	ug/L	0.00
21) 2-Butanone-d5	4.17	46	863107	207.63	ug/L	0.00
24) Chloroform-d	4.64	84	1060739	95.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	627585	90.87	ug/L	0.00
32) Benzene-d6	5.33	84	2216419	102.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	681700	99.69	ug/L	0.00
41) Toluene-d8	7.56	98	2095537	105.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	337560	107.01	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	659981	228.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1056621	93.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	873246	94.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	632015	115.143	ug/L 99
3) Chloromethane	1.32	50	646372	97.773	ug/L 99
5) Vinyl chloride	1.40	62	683261	109.383	ug/L 98
6) Bromomethane	1.60	94	435746	90.950	ug/L 98
8) Chloroethane	1.68	64	395550	95.356	ug/L 99
9) Trichlorofluoromethane	1.87	101	866021	110.256	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	518041	113.029	ug/L 99
12) 1,1-Dichloroethene	2.28	96	522787	104.282	ug/L 96
13) Acetone	2.32	43	713079	202.996	ug/L 99
14) Carbon disulfide	2.47	76	1569975	104.247	ug/L 99
15) Methyl Acetate	2.61	43	605270	92.816	ug/L 99
16) Methylene chloride	2.69	84	610400	88.743	ug/L 99
17) trans-1,2-Dichloroethene	2.97	96	549564	95.867	ug/L 95
18) Methyl tert-butyl Ether	2.99	73	1701602	88.725	ug/L 100
19) 1,1-Dichloroethane	3.44	63	995393	96.924	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	626253	93.442	ug/L 98
22) 2-Butanone	4.25	43	973874	211.118	ug/L 99
23) Bromochloromethane	4.54	128	317406	86.413	ug/L 97
25) Chloroform	4.67	83	1021102	90.230	ug/L 100
27) 1,2-Dichloroethane	5.40	62	766007	87.272	ug/L 99
29) Cyclohexane	4.99	56	911858	129.168	ug/L 99
30) 1,1,1-Trichloroethane	4.91	97	858794	101.436	ug/L 100
31) Carbon tetrachloride	5.13	117	742307	105.992	ug/L 100
33) Benzene	5.38	78	2344471	97.430	ug/L 100
34) Trichloroethene	6.18	95	600535	99.700	ug/L 96
35) Methylcyclohexane	6.41	83	962421	125.925	ug/L 100
37) 1,2-Dichloropropane	6.43	63	605070	96.801	ug/L 100
38) Bromodichloromethane	6.75	83	775699	90.310	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	961700	104.582	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	1701605	198.458	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
 Data File : VU032321.D
 Acq On : 28 May 2019 12:12
 Operator : JC/SP
 Sample : VSTD10056
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10056

Quant Time: May 29 04:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 04:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	2626904	103.140	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	854106	105.455	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	600580	88.646	ug/L	99
46) Tetrachloroethene	8.22	164	489366	106.481	ug/L	96
48) 2-Hexanone	8.36	43	1425712	211.679	ug/L	100
49) Dibromochloromethane	8.47	129	659297	91.520	ug/L	99
50) 1,2-Dibromoethane	8.58	107	636616	87.533	ug/L	99
51) Chlorobenzene	9.11	112	1650941	97.041	ug/L	98
52) Ethylbenzene	9.24	91	2871984	109.266	ug/L	99
53) m,p-Xylene	9.37	106	1124629	110.824	ug/L	98
54) o-xylene	9.77	106	1116811	106.614	ug/L	99
55) Styrene	9.79	104	1948652	109.189	ug/L	99
56) Isopropylbenzene	10.16	105	2887758	115.957	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	1044729	90.551	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	815922	89.805	ug/L	100
61) Bromoform	9.95	173	530174	82.340	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	1349092	96.010	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1375413	93.987	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	1384465	91.313	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	237214	87.314	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	1045114	104.201	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	898084	113.791	ug/L	97
69) Naphthalene	13.74	128	2918727	108.163	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	947352	105.441	ug/L	98

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

