

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035303.D
 Acq On : 19 Oct 2019 08:24
 Operator : JC/SP
 Sample : VSTD20032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20032

Quant Time: Oct 21 04:51:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 04:45:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	673492	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	681209	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	345743	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	1187270	204.14	ug/L	0.00
7) Chloroethane-d5	1.92	69	981228	199.76	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.59	63	1938502	202.54	ug/L	0.00
21) 2-Butanone-d5	4.69	46	1644188	431.79	ug/L	0.00
24) Chloroform-d	5.11	84	1926191	200.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	1231921	202.12	ug/L	0.00
32) Benzene-d6	5.77	84	3885959	194.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	1253891	198.83	ug/L	0.00
41) Toluene-d8	7.93	98	3760720	198.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	695312	210.53	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	1279358	468.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	1964475	214.19	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	1512698	201.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	1087995	200.373 ug/L	99
3) Chloromethane	1.53	50	1116350	203.533 ug/L	99
5) Vinyl chloride	1.62	62	1158473	203.745 ug/L	99
6) Bromomethane	1.85	94	701709	211.641 ug/L	99
8) Chloroethane	1.94	64	700400	200.220 ug/L	100
9) Trichlorofluoromethane	2.16	101	1435924	199.158 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	830528	194.539 ug/L	99
12) 1,1-Dichloroethene	2.61	96	822716	201.665 ug/L	96
13) Acetone	2.67	43	1295837	374.340 ug/L	99
14) Carbon disulfide	2.82	76	2523960	202.132 ug/L	100
15) Methyl Acetate	2.99	43	1022380	205.633 ug/L	99
16) Methylene chloride	3.08	84	951972	197.058 ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	884110	201.524 ug/L	98
18) Methyl tert-butyl Ether	3.42	73	2847088	202.491 ug/L	100
19) 1,1-Dichloroethane	3.92	63	1660412	197.089 ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	1016923	205.041 ug/L	95
22) 2-Butanone	4.77	43	1689092	405.204 ug/L	96
23) Bromochloromethane	5.02	128	496057	198.960 ug/L	99
25) Chloroform	5.14	83	1682662	195.290 ug/L	100
27) 1,2-Dichloroethane	5.84	62	1320430	195.699 ug/L	100
29) Cyclohexane	5.43	56	1503810	196.363 ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	1428466	190.927 ug/L	99
31) Carbon tetrachloride	5.57	117	1277582	194.967 ug/L	99
33) Benzene	5.82	78	3742727	192.278 ug/L	100
34) Trichloroethene	6.58	95	963603	193.294 ug/L	99
35) Methylcyclohexane	6.80	83	1544322	201.443 ug/L	99
37) 1,2-Dichloropropane	6.84	63	972874	192.914 ug/L	100
38) Bromodichloromethane	7.15	83	1338784	200.172 ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	1718429	210.675 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	3058453	430.053 ug/L	100

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42) Toluene	8.01	91	4136669	196.434	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	1575633	207.220	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	968853	198.364	ug/L	98
46) Tetrachloroethene	8.58	164	789676	197.076	ug/L	100
48) 2-Hexanone	8.73	43	2487890	422.143	ug/L	95
49) Dibromochloromethane	8.84	129	1130169	204.903	ug/L	100
50) 1,2-Dibromoethane	8.96	107	1100033	202.983	ug/L	97
51) Chlorobenzene	9.48	112	2737464	201.952	ug/L	98
52) Ethylbenzene	9.60	91	4802646	206.370	ug/L	100
53) m,p-Xylene	9.73	106	1805123	211.302	ug/L	100
54) o-xylene	10.13	106	1801508	208.036	ug/L	99
55) Styrene	10.14	104	3119434	216.879	ug/L	99
56) Isopropylbenzene	10.51	105	4721565	212.643	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	1779497	207.773	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	1393010	208.161	ug/L	99
61) Bromoform	10.32	173	934805	195.942	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	2196783	200.357	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	2179158	202.630	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	2146234	196.086	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	378488	218.008	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	1415709	228.170	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	1136123	288.020	ug/L	99
69) Naphthalene	14.11	128	3426661	347.829	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	1082097	259.935	ug/L	100

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

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