

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032775.D
 Acq On : 17 Jun 2019 12:11
 Operator : JC/SP
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20035

Quant Time: Jun 18 01:39:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 01:34:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	218399	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	217507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	126619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	296946	207.08	ug/L	0.00
7) Chloroethane-d5	1.66	69	236338	205.59	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.26	63	606935	215.15	ug/L	0.00
21) 2-Butanone-d5	4.17	46	525218	441.59	ug/L	0.00
24) Chloroform-d	4.64	84	593041	219.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	389382	226.15	ug/L	0.00
32) Benzene-d6	5.33	84	1135731	200.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	360946	201.54	ug/L	0.00
41) Toluene-d8	7.56	98	1088335	202.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	199118	230.95	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	378346	447.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	588697	227.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	484835	199.52	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	429323	212.221	ug/L	100
3) Chloromethane	1.32	50	392354	204.292	ug/L	99
5) Vinyl chloride	1.40	62	390086	202.563	ug/L	100
6) Bromomethane	1.60	94	244984	214.979	ug/L	99
8) Chloroethane	1.68	64	224290	197.185	ug/L	100
9) Trichlorofluoromethane	1.87	101	550027	209.447	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	283855	208.249	ug/L	99
12) 1,1-Dichloroethene	2.27	96	271930	206.953	ug/L	95
13) Acetone	2.31	43	609772	464.250	ug/L	99
14) Carbon disulfide	2.47	76	847656	211.042	ug/L	100
15) Methyl Acetate	2.61	43	383560	217.189	ug/L	100
16) Methylene chloride	2.69	84	311590	206.771	ug/L	100
17) trans-1,2-Dichloroethene	2.97	96	290656	204.574	ug/L	100
18) Methyl tert-butyl Ether	2.99	73	974997	209.079	ug/L	99
19) 1,1-Dichloroethane	3.44	63	564434	214.925	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	331199	206.973	ug/L	98
22) 2-Butanone	4.25	43	715496	476.317	ug/L	100
23) Bromochloromethane	4.54	128	170097	204.195	ug/L	98
25) Chloroform	4.66	83	579147	213.996	ug/L	97
27) 1,2-Dichloroethane	5.40	62	484325	223.534	ug/L	100
29) Cyclohexane	4.99	56	512365	198.228	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	512499	205.650	ug/L	99
31) Carbon tetrachloride	5.13	117	479190	209.313	ug/L	100
33) Benzene	5.38	78	1208136	196.463	ug/L	100
34) Trichloroethene	6.18	95	323656	193.887	ug/L	99
35) Methylcyclohexane	6.41	83	524117	195.055	ug/L	99
37) 1,2-Dichloropropane	6.42	63	330413	200.488	ug/L	100
38) Bromodichloromethane	6.75	83	455657	213.843	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	564110	218.304	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	1125218	430.693	ug/L	100

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42) Toluene	7.63	91	1345613	200.046	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	522596	225.637	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	313977	203.417	ug/L	99
46) Tetrachloroethene	8.22	164	270665	196.793	ug/L	97
48) 2-Hexanone	8.36	43	994111	455.534	ug/L	99
49) Dibromochloromethane	8.47	129	395653	218.906	ug/L	97
50) 1,2-Dibromoethane	8.58	107	354916	204.393	ug/L	99
51) Chlorobenzene	9.11	112	873576	201.437	ug/L	98
52) Ethylbenzene	9.24	91	1558828	208.400	ug/L	99
53) m,p-Xylene	9.37	106	584107	205.698	ug/L	97
54) o-xylene	9.77	106	581295	206.605	ug/L	99
55) Styrene	9.79	104	1039411	220.079	ug/L	97
56) Isopropylbenzene	10.16	105	1586521	213.661	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	594413	223.944	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	468294	219.705	ug/L	99
61) Bromoform	9.95	173	334106	217.338	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	770643	200.694	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	783982	198.264	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	783075	201.376	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	160667	241.737	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	630256	209.804	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	576894	226.899	ug/L	99
69) Naphthalene	13.74	128	1874197	234.981	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	573743	215.367	ug/L	99

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

