

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081619\
 Data File : VU033812.D
 Acq On : 15 Aug 2019 15:50
 Operator : JC/SP
 Sample : VSTD10031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10031

Quant Time: Aug 16 01:48:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 01:44:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	419361	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	415491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	223549	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	375400	116.77	ug/L	0.00
7) Chloroethane-d5	1.67	69	332217	103.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	620689	115.40	ug/L	0.00
21) 2-Butanone-d5	4.15	46	440341	228.76	ug/L	0.00
24) Chloroform-d	4.62	84	611559	126.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	377463	124.15	ug/L	0.00
32) Benzene-d6	5.32	84	1218635	120.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	382154	121.59	ug/L	0.00
41) Toluene-d8	7.54	98	1165694	122.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	190675	122.33	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	338797	222.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	536035	116.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	454557	117.57	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	398969	122.042	ug/L	100
3) Chloromethane	1.32	50	409588	121.652	ug/L	100
5) Vinyl chloride	1.39	62	461399	122.922	ug/L	99
6) Bromomethane	1.61	94	494683	160.484	ug/L	98
8) Chloroethane	1.69	64	286085	103.431	ug/L	97
9) Trichlorofluoromethane	1.87	101	599741	119.009	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	294681	113.240	ug/L	99
12) 1,1-Dichloroethene	2.27	96	284043	111.052	ug/L	94
13) Acetone	2.31	43	374459	192.918	ug/L	96
14) Carbon disulfide	2.46	76	895225	121.859	ug/L	99
15) Methyl Acetate	2.60	43	315094	97.775	ug/L	99
16) Methylene chloride	2.68	84	325604	110.583	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	301266	110.960	ug/L	98
18) Methyl tert-butyl Ether	2.98	73	930168	106.613	ug/L	100
19) 1,1-Dichloroethane	3.42	63	569887	110.657	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	340630	110.578	ug/L	97
22) 2-Butanone	4.23	43	488146	204.775	ug/L	100
23) Bromochloromethane	4.52	128	178009	111.627	ug/L	99
25) Chloroform	4.65	83	590480	110.039	ug/L	99
27) 1,2-Dichloroethane	5.38	62	460312	112.430	ug/L	99
29) Cyclohexane	4.97	56	493431	111.081	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	498464	108.322	ug/L	100
31) Carbon tetrachloride	5.11	117	457816	110.320	ug/L	99
33) Benzene	5.36	78	1294142	109.259	ug/L	100
34) Trichloroethene	6.16	95	338942	108.620	ug/L	99
35) Methylcyclohexane	6.40	83	537169	113.796	ug/L	98
37) 1,2-Dichloropropane	6.41	63	347486	109.944	ug/L	100
38) Bromodichloromethane	6.74	83	445333	109.827	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	557211	112.024	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	887381	196.309	ug/L	100

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42) Toluene	7.62	91	1421543	111.354	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	499110	112.865	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	324815	106.140	ug/L	98
46) Tetrachloroethene	8.21	164	273715	107.451	ug/L	98
48) 2-Hexanone	8.34	43	701811	196.476	ug/L	99
49) Dibromochloromethane	8.46	129	375664	109.131	ug/L	98
50) 1,2-Dibromoethane	8.57	107	355020	105.394	ug/L	99
51) Chlorobenzene	9.10	112	890491	106.661	ug/L	99
52) Ethylbenzene	9.23	91	1540002	110.970	ug/L	99
53) m,p-Xylene	9.36	106	587263	110.993	ug/L	99
54) o-xylene	9.76	106	577780	110.620	ug/L	97
55) Styrene	9.77	104	1008115	114.473	ug/L	99
56) Isopropylbenzene	10.15	105	1508941	110.463	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	536036	100.960	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	423457	100.493	ug/L	99
61) Bromoform	9.94	173	286698	105.794	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	726610	105.751	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	729265	104.698	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	728167	107.181	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	122327	98.002	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	572438	105.725	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	511054	106.163	ug/L	100
69) Naphthalene	13.73	128	1596976	111.795	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	523812	103.802	ug/L	99

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

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