

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073119\
 Data File : VU033496.D
 Acq On : 30 Jul 2019 16:31
 Operator : JC/SP
 Sample : VSTD20032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20032

Quant Time: Jul 31 07:39:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 07:35:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	344527	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	335925	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	194893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	475168	182.78	ug/L	0.00
7) Chloroethane-d5	1.66	69	395751	177.34	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.25	63	890970	193.29	ug/L	0.00
21) 2-Butanone-d5	4.15	46	667380	399.70	ug/L	0.00
24) Chloroform-d	4.62	84	821963	188.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	506997	181.59	ug/L	0.00
32) Benzene-d6	5.31	84	1656778	199.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	522897	196.44	ug/L	0.00
41) Toluene-d8	7.55	98	1584420	202.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	266632	206.04	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	565070	463.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	811563	201.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	681432	195.05	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	641119	186.950	ug/L	100
3) Chloromethane	1.32	50	618166	181.863	ug/L	100
5) Vinyl chloride	1.39	62	685327	177.252	ug/L	99
6) Bromomethane	1.60	94	799130	306.284	ug/L	98
8) Chloroethane	1.68	64	410170	174.606	ug/L	96
9) Trichlorofluoromethane	1.87	101	892239	175.619	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	454772	193.695	ug/L	99
12) 1,1-Dichloroethene	2.27	96	447150	195.039	ug/L	94
13) Acetone	2.31	43	588956	286.514	ug/L	99
14) Carbon disulfide	2.46	76	1358453	191.698	ug/L	100
15) Methyl Acetate	2.59	43	533701	194.589	ug/L	99
16) Methylene chloride	2.68	84	495419	187.180	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	466831	194.716	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	1496980	202.260	ug/L	99
19) 1,1-Dichloroethane	3.42	63	871474	189.441	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	532175	197.180	ug/L	97
22) 2-Butanone	4.23	43	830441	360.050	ug/L	97
23) Bromochloromethane	4.52	128	267734	192.091	ug/L	99
25) Chloroform	4.65	83	895099	182.450	ug/L	99
27) 1,2-Dichloroethane	5.38	62	702948	186.370	ug/L	100
29) Cyclohexane	4.97	56	793149	213.548	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	779101	195.663	ug/L	99
31) Carbon tetrachloride	5.11	117	699153	200.944	ug/L	100
33) Benzene	5.36	78	1963317	197.340	ug/L	100
34) Trichloroethene	6.16	95	515320	198.360	ug/L	98
35) Methylcyclohexane	6.40	83	864973	216.219	ug/L	99
37) 1,2-Dichloropropane	6.41	63	524243	195.008	ug/L	100
38) Bromodichloromethane	6.74	83	683362	197.259	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	866011	207.795	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	1522751	417.778	ug/L	99

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42) Toluene	7.62	91	2165206	202.067	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	779221	209.419	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	493742	193.972	ug/L	100
46) Tetrachloroethene	8.21	164	428942	210.342	ug/L	100
48) 2-Hexanone	8.35	43	1241986	418.493	ug/L	98
49) Dibromochloromethane	8.46	129	584571	204.616	ug/L	98
50) 1,2-Dibromoethane	8.57	107	553385	198.800	ug/L	99
51) Chlorobenzene	9.10	112	1379371	197.208	ug/L	100
52) Ethylbenzene	9.23	91	2398786	209.446	ug/L	100
53) m,p-Xylene	9.36	106	911190	210.064	ug/L	98
54) o-xylene	9.76	106	905391	209.846	ug/L	98
55) Styrene	9.77	104	1576737	215.792	ug/L	100
56) Isopropylbenzene	10.15	105	2379621	214.331	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	919228	204.676	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	693323	196.935	ug/L	100
61) Bromoform	9.94	173	477111	196.446	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	1181630	193.553	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	1201577	188.937	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	1207869	193.635	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	233586	196.622	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	994242	222.126	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	910647	232.774	ug/L	99
69) Naphthalene	13.73	128	2748672	224.109	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	924621	217.621	ug/L	100

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

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