

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034559.D
 Acq On : 16 Sep 2019 12:12
 Operator : JC/SP
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10033

Quant Time: Sep 16 12:46:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 16 12:41:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	358141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	342674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	165249	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	170144	54.17	ug/L	0.00
7) Chloroethane-d5	1.67	69	133064	53.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	349701	61.72	ug/L	0.00
21) 2-Butanone-d5	4.15	46	425552	201.35	ug/L	0.00
24) Chloroform-d	4.62	84	396510	77.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	236943	71.71	ug/L	0.00
32) Benzene-d6	5.32	84	746090	76.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	278409	88.14	ug/L	0.00
41) Toluene-d8	7.54	98	730939	83.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	134889	92.53	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	322325	245.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	440281	97.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	294993	87.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	223528	67.419	ug/L 100
3) Chloromethane	1.32	50	227179	71.310	ug/L 100
5) Vinyl chloride	1.40	62	228910	61.172	ug/L 96
6) Bromomethane	1.61	94	117725	81.198	ug/L 96
8) Chloroethane	1.69	64	132151	58.868	ug/L 100
9) Trichlorofluoromethane	1.87	101	317823	72.423	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	187024	74.535	ug/L 98
12) 1,1-Dichloroethene	2.27	96	163738	67.788	ug/L 94
13) Acetone	2.31	43	353362	183.056	ug/L 99
14) Carbon disulfide	2.46	76	430416	55.406	ug/L 99
15) Methyl Acetate	2.60	43	305310	90.821	ug/L 99
16) Methylene chloride	2.68	84	230923	79.350	ug/L 97
17) trans-1,2-Dichloroethene	2.96	96	187539	72.287	ug/L 98
18) Methyl tert-butyl Ether	2.98	73	778655	99.154	ug/L 99
19) 1,1-Dichloroethane	3.42	63	425160	82.231	ug/L 98
20) cis-1,2-Dichloroethene	4.20	96	245639	86.016	ug/L 95
22) 2-Butanone	4.23	43	512318	211.242	ug/L 97
23) Bromochloromethane	4.52	128	115752	78.816	ug/L 97
25) Chloroform	4.65	83	432138	84.392	ug/L 99
27) 1,2-Dichloroethane	5.38	62	321518	80.017	ug/L 100
29) Cyclohexane	4.97	56	334259	84.542	ug/L 97
30) 1,1,1-Trichloroethane	4.89	97	349432	88.544	ug/L 99
31) Carbon tetrachloride	5.11	117	296887	84.755	ug/L 99
33) Benzene	5.37	78	894251	86.303	ug/L 100
34) Trichloroethene	6.16	95	224950	83.669	ug/L 97
35) Methylcyclohexane	6.39	83	334528	82.533	ug/L 99
37) 1,2-Dichloropropane	6.41	63	272680	96.191	ug/L 99
38) Bromodichloromethane	6.73	83	351616	95.990	ug/L 97
39) cis-1,3-Dichloropropene	7.25	75	417945	99.194	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	980127	241.406	ug/L 100

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42) Toluene	7.61	91	980245	91.422	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	391846	103.202	ug/L	98
45) 1,1,2-Trichloroethane	8.04	97	250637	96.365	ug/L	97
46) Tetrachloroethene	8.21	164	148306	70.980	ug/L	99
48) 2-Hexanone	8.34	43	764223	242.407	ug/L	98
49) Dibromochloromethane	8.45	129	286275	99.219	ug/L	98
50) 1,2-Dibromoethane	8.56	107	261758	94.374	ug/L	99
51) Chlorobenzene	9.10	112	634211	89.434	ug/L	99
52) Ethylbenzene	9.23	91	1121334	96.822	ug/L	100
53) m,p-Xylene	9.35	106	407529	95.489	ug/L	100
54) o-xylene	9.76	106	414221	98.463	ug/L	93
55) Styrene	9.77	104	729796	101.882	ug/L	100
56) Isopropylbenzene	10.14	105	1107988	101.355	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	502931	111.566	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	379176	104.662	ug/L	98
61) Bromoform	9.94	173	211136	101.285	ug/L	98
62) 1,3-Dichlorobenzene	11.39	146	491958	94.775	ug/L	100
63) 1,4-Dichlorobenzene	11.48	146	496832	92.371	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	497395	96.046	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	113997	120.026	ug/L	98
67) 1,3,5-Trichlorobenzene	12.86	180	329005	82.459	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	300911	91.979	ug/L	99
69) Naphthalene	13.72	128	1165562	119.326	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	300563	86.934	ug/L	98

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

