

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033211.D
 Acq On : 12 Jul 2019 10:04
 Operator : JC/SP
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Jul 12 23:32:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 23:28:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	328911	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	343420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	173549	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118489	52.13	ug/L	0.00
7) Chloroethane-d5	1.67	69	102878	55.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	235998	51.66	ug/L	0.00
21) 2-Butanone-d5	4.15	46	150862	84.10	ug/L	0.00
24) Chloroform-d	4.62	84	198890	46.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	126685	44.61	ug/L	0.00
32) Benzene-d6	5.32	84	399362	45.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	124272	44.97	ug/L	0.00
41) Toluene-d8	7.55	98	379001	46.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	63630	44.33	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	113781	87.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188912	43.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	143203	43.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	152885	46.741	ug/L 100
3) Chloromethane	1.32	50	151735	50.211	ug/L 100
5) Vinyl chloride	1.40	62	173598	56.290	ug/L 100
6) Bromomethane	1.61	94	99967	55.476	ug/L 100
8) Chloroethane	1.69	64	107882	59.541	ug/L 100
9) Trichlorofluoromethane	1.87	101	231125	54.095	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	111085	50.372	ug/L 100
12) 1,1-Dichloroethene	2.27	96	108130	51.601	ug/L 100
13) Acetone	2.31	43	175173	72.133	ug/L 100
14) Carbon disulfide	2.46	76	317265	48.548	ug/L 100
15) Methyl Acetate	2.60	43	121119	42.682	ug/L 100
16) Methylene chloride	2.68	84	118085	48.782	ug/L 100
17) trans-1,2-Dichloroethene	2.96	96	107344	48.089	ug/L 100
18) Methyl tert-butyl Ether	2.98	73	336048	47.281	ug/L 100
19) 1,1-Dichloroethane	3.42	63	206111	48.588	ug/L 100
20) cis-1,2-Dichloroethene	4.20	96	121782	49.781	ug/L 100
22) 2-Butanone	4.23	43	205888	80.702	ug/L 100
23) Bromochloromethane	4.52	128	62249	49.185	ug/L 100
25) Chloroform	4.65	83	216745	49.260	ug/L 100
27) 1,2-Dichloroethane	5.38	62	172527	48.203	ug/L 100
29) Cyclohexane	4.97	56	177259	45.240	ug/L 100
30) 1,1,1-Trichloroethane	4.89	97	182365	44.742	ug/L 100
31) Carbon tetrachloride	5.11	117	161411	43.760	ug/L 100
33) Benzene	5.37	78	468791	47.895	ug/L 100
34) Trichloroethene	6.16	95	119406	45.971	ug/L 100
35) Methylcyclohexane	6.40	83	188416	46.931	ug/L 100
37) 1,2-Dichloropropane	6.41	63	125726	47.020	ug/L 100
38) Bromodichloromethane	6.74	83	163757	45.808	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	186529	45.198	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	337999	81.353	ug/L 100

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42) Toluene	7.62	91	511982	48.338	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	179429	46.163	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	119066	47.745	ug/L	100
46) Tetrachloroethene	8.21	164	93232	44.221	ug/L	100
48) 2-Hexanone	8.34	43	279445	77.289	ug/L	100
49) Dibromochloromethane	8.46	129	132281	44.653	ug/L	100
50) 1,2-Dibromoethane	8.57	107	130840	47.306	ug/L	100
51) Chlorobenzene	9.10	112	326058	46.858	ug/L	100
52) Ethylbenzene	9.23	91	553793	47.384	ug/L	100
53) m,p-Xylene	9.36	106	210850	47.730	ug/L	100
54) o-xylene	9.76	106	209729	48.512	ug/L	100
55) Styrene	9.77	104	361871	48.402	ug/L	100
56) Isopropylbenzene	10.15	105	539393	46.630	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	209659	46.377	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	162473	45.596	ug/L	100
61) Bromoform	9.94	173	95410	43.366	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	242845	45.726	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	252689	45.950	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	251420	46.257	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	46610	45.322	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	180170	42.727	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	157455	43.733	ug/L	100
69) Naphthalene	13.73	128	525062	46.856	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	165364	43.269	ug/L	100

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

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