

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026638.D
 Acq On : 10 Sep 2018 09:41
 Operator : MD/SY
 Sample : VSTD20052
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20052

Quant Time: Sep 11 04:23:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 04:12:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	203440	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	200821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	306675	202.28	ug/L	0.00
7) Chloroethane-d5	1.67	69	241021	197.29	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.27	63	557741	205.57	ug/L	0.00
21) 2-Butanone-d5	4.18	46	399184	423.12	ug/L	0.00
24) Chloroform-d	4.65	84	514661	204.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	327291	198.38	ug/L	0.00
32) Benzene-d6	5.34	84	1038502	199.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	347192	199.06	ug/L	0.00
41) Toluene-d8	7.57	98	1005712	206.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	173774	214.30	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	334178	469.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	509467	213.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	446499	194.43	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	271112	211.71	ug/L	99
3) Chloromethane	1.32	50	347641	206.51	ug/L	99
5) Vinyl chloride	1.40	62	364070	209.30	ug/L	99
6) Bromomethane	1.60	94	217678	214.74	ug/L	97
8) Chloroethane	1.68	64	218584	202.62	ug/L	99
9) Trichlorofluoromethane	1.88	101	465879	212.40	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	267511	214.16	ug/L	99
12) 1,1-Dichloroethene	2.28	96	252604	210.58	ug/L	93
13) Acetone	2.32	43	397109	369.57	ug/L	99
14) Carbon disulfide	2.48	76	817238	209.76	ug/L	99
15) Methyl Acetate	2.61	43	317980	207.43	ug/L	99
16) Methylene chloride	2.70	84	295169	208.50	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	269331	211.90	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	866075	221.13	ug/L	100
19) 1,1-Dichloroethane	3.45	63	523590	212.40	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	311097	217.30	ug/L	100
22) 2-Butanone	4.26	43	517573	420.69	ug/L	100
23) Bromochloromethane	4.55	128	156938	214.32	ug/L	98
25) Chloroform	4.67	83	523477	211.28	ug/L	99
27) 1,2-Dichloroethane	5.40	62	416643	211.77	ug/L	99
29) Cyclohexane	5.00	56	493284	224.25	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	439992	206.82	ug/L	100
31) Carbon tetrachloride	5.14	117	404150	210.17	ug/L	98
33) Benzene	5.39	78	1169725	208.00	ug/L	100
34) Trichloroethene	6.19	95	293981	210.32	ug/L	99
35) Methylcyclohexane	6.42	83	514244	229.84	ug/L	99
37) 1,2-Dichloropropane	6.43	63	331211	210.82	ug/L	100
38) Bromodichloromethane	6.76	83	407804	211.81	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	521616	224.37	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	908434	453.30	ug/L	100

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42) Toluene	7.64	91	1252034	214.80	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	485888	224.66	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	291281	209.02	ug/L	99
46) Tetrachloroethene	8.23	164	248959	211.93	ug/L	100
48) 2-Hexanone	8.37	43	761997	450.36	ug/L	98
49) Dibromochloromethane	8.48	129	353511	219.47	ug/L	97
50) 1,2-Dibromoethane	8.59	107	319679	214.44	ug/L	99
51) Chlorobenzene	9.12	112	824206	215.35	ug/L	100
52) Ethylbenzene	9.25	91	1440705	228.55	ug/L	99
53) m,p-Xylene	9.38	106	551144	231.87	ug/L	98
54) o-xylene	9.78	106	552402	234.17	ug/L	99
55) Styrene	9.79	104	963389	241.43	ug/L	99
56) Isopropylbenzene	10.17	105	1438762	239.42	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	540819	224.02	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	410285	220.72	ug/L	100
61) Bromoform	9.96	173	291369	205.32	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	705563	213.31	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	719240	205.26	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	726949	207.95	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	115513	204.53	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	569914	217.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	517640	226.99	ug/L	99
69) Naphthalene	13.74	128	1610362	230.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	532252	215.47	ug/L	100

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

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