

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090418\
 Data File : VU026526.D
 Acq On : 04 Sep 2018 17:21
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05043

Quant Time: Sep 05 01:12:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:11:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	178624	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168413	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84919	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72211	65.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	130.50%
7) Chloroethane-d5	1.67	69	59640	59.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.34%
11) 1,1-Dichloroethene-d2	2.27	63	139341	55.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.82%
21) 2-Butanone-d5	4.18	46	91195	106.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.17%
24) Chloroform-d	4.65	84	113980	54.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.06%
26) 1,2-Dichloroethane-d4	5.31	65	76703	55.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.24%
32) Benzene-d6	5.34	84	231313	59.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.18%
36) 1,2-Dichloropropane-d6	6.33	67	76707	57.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.06%
41) Toluene-d8	7.57	98	220921	58.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.92%
43) trans-1,3-Dichloropropene-	7.85	79	34804	57.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.32%
47) 2-Hexanone-d5	8.31	63	72519	118.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111634	56.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	89420	58.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.08%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	65971	47.37	ug/L	98
3) Chloromethane	1.33	50	82610	48.04	ug/L	100
5) Vinyl chloride	1.40	62	87943	47.17	ug/L	97
6) Bromomethane	1.62	94	53237	48.17	ug/L	99
8) Chloroethane	1.70	64	53651	47.93	ug/L	99
9) Trichlorofluoromethane	1.88	101	114322	48.22	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	67149	50.76	ug/L	99
12) 1,1-Dichloroethene	2.28	96	62983	49.40	ug/L	94
13) Acetone	2.32	43	66768	89.77	ug/L	100
14) Carbon disulfide	2.47	76	169174	46.89	ug/L	99
15) Methyl Acetate	2.62	43	70145	48.03	ug/L	99
16) Methylene chloride	2.70	84	64003	48.82	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	56818	49.27	ug/L	93
18) Methyl tert-butyl Ether	3.00	73	180871	51.66	ug/L	99
19) 1,1-Dichloroethane	3.45	63	112784	49.77	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	64857	50.20	ug/L	98
22) 2-Butanone	4.26	43	98224	98.25	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	33429	50.22	ug/L	93
25) Chloroform	4.67	83	118401	51.16	ug/L	97
27) 1,2-Dichloroethane	5.41	62	89716	48.07	ug/L	99
29) Cyclohexane	5.00	56	96689	52.69	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	96029	51.82	ug/L	98
31) Carbon tetrachloride	5.14	117	85758	50.93	ug/L	99
33) Benzene	5.39	78	249701	51.72	ug/L	100
34) Trichloroethene	6.19	95	61311	50.63	ug/L	99
35) Methylcyclohexane	6.42	83	100165	52.97	ug/L	99
37) 1,2-Dichloropropane	6.44	63	70452	52.71	ug/L	99
38) Bromodichloromethane	6.76	83	86282	50.62	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	99267	52.12	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	186649	103.54	ug/L	99
42) Toluene	7.64	91	262820	52.17	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	92478	50.94	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	62336	50.91	ug/L	98
46) Tetrachloroethene	8.23	164	53785	54.32	ug/L	97
48) 2-Hexanone	8.36	43	147175	103.67	ug/L	99
49) Dibromochloromethane	8.48	129	72417	52.49	ug/L	96
50) 1,2-Dibromoethane	8.59	107	66737	51.18	ug/L	97
51) Chlorobenzene	9.12	112	166426	49.40	ug/L	99
52) Ethylbenzene	9.25	91	281875	51.44	ug/L	99
53) m,p-Xylene	9.38	106	107436	52.51	ug/L	100
54) o-xylene	9.78	106	106934	53.60	ug/L	96
55) Styrene	9.80	104	184205	52.85	ug/L	99
56) Isopropylbenzene	10.17	105	273366	52.34	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	107092	49.65	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	83615	50.13	ug/L	98
61) Bromoform	9.96	173	55649	53.10	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	126310	50.83	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	127903	48.66	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	136343	52.02	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	22012	49.95	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	100682	50.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	85995	49.10	ug/L	100
69) Naphthalene	13.74	128	280778	51.34	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	96371	50.11	ug/L	99

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

