

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\
 Data File : VU029773.D
 Acq On : 04 Mar 2019 09:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Mar 04 10:04:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 28 00:50:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	415000	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	409366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142243	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.68	69	125582	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.90%
11) 1,1-Dichloroethene-d2	2.27	63	271401	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
21) 2-Butanone-d5	4.17	46	226685	122.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.49%
24) Chloroform-d	4.64	84	283178	57.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.82%
26) 1,2-Dichloroethane-d4	5.31	65	170571	54.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.24%
32) Benzene-d6	5.34	84	596194	57.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.76%
36) 1,2-Dichloropropane-d6	6.33	67	185370	59.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.62%
41) Toluene-d8	7.56	98	581213	55.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.58%
43) trans-1,3-Dichloropropene-	7.85	79	92075	56.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.02%
47) 2-Hexanone-d5	8.31	63	195659	113.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301574	57.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	252545	52.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.62%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	140741	49.461 ug/L	99
3) Chloromethane	1.32	50	134100	53.720 ug/L	99
5) Vinyl chloride	1.40	62	157350	46.414 ug/L	100
6) Bromomethane	1.62	94	96301	62.241 ug/L	100
8) Chloroethane	1.70	64	95837	42.502 ug/L	97
9) Trichlorofluoromethane	1.88	101	220345	40.773 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	137900	47.704 ug/L	98
12) 1,1-Dichloroethene	2.28	96	123758	45.032 ug/L	98
13) Acetone	2.32	43	224122	113.336 ug/L	96
14) Carbon disulfide	2.48	76	369332	51.314 ug/L	99
15) Methyl Acetate	2.61	43	139656	54.410 ug/L	98
16) Methylene chloride	2.70	84	144483	54.332 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	133999	52.827 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	398462	50.739 ug/L	98
19) 1,1-Dichloroethane	3.44	63	232879	53.095 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	151890	51.534 ug/L	98
22) 2-Butanone	4.26	43	246644	109.289 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	81566	50.483	ug/L	94
25) Chloroform	4.67	83	259570	53.043	ug/L	99
27) 1,2-Dichloroethane	5.40	62	178598	47.469	ug/L	99
29) Cyclohexane	4.99	56	204422	50.460	ug/L	96
30) 1,1,1-Trichloroethane	4.91	97	213119	49.100	ug/L	99
31) Carbon tetrachloride	5.13	117	188517	47.986	ug/L	99
33) Benzene	5.39	78	552716	52.662	ug/L	100
34) Trichloroethene	6.18	95	140869	49.823	ug/L	98
35) Methylcyclohexane	6.41	83	235588	50.173	ug/L	97
37) 1,2-Dichloropropane	6.43	63	144576	52.475	ug/L	99
38) Bromodichloromethane	6.75	83	189462	51.009	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	230200	51.787	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	368007	94.987	ug/L	98
42) Toluene	7.63	91	603549	48.627	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	208369	49.739	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	146953	50.042	ug/L	98
46) Tetrachloroethene	8.22	164	130480	47.149	ug/L	98
48) 2-Hexanone	8.36	43	328210	96.974	ug/L	97
49) Dibromochloromethane	8.47	129	170154	47.795	ug/L	100
50) 1,2-Dibromoethane	8.58	107	161698	49.699	ug/L	99
51) Chlorobenzene	9.12	112	406690	47.739	ug/L	98
52) Ethylbenzene	9.25	91	669867	47.520	ug/L	100
53) m,p-Xylene	9.37	106	264481	46.739	ug/L	100
54) o-xylene	9.77	106	261578	46.020	ug/L	99
55) Styrene	9.79	104	445646	46.445	ug/L	98
56) Isopropylbenzene	10.16	105	683832	45.977	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	252801	48.682	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	187684	47.778	ug/L	98
61) Bromoform	9.95	173	139217	46.583	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	334323	47.249	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	343709	48.269	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	346327	46.889	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	53250	46.329	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	262978	48.704	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	228078	48.838	ug/L	99
69) Naphthalene	13.74	128	684091	47.657	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	240325	48.459	ug/L	99

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

