

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101218\
 Data File : VU027611.D
 Acq On : 12 Oct 2018 08:39
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05045

Quant Time: Oct 13 01:36:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 10 08:24:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195465	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180700	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68436	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.68	69	53374	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.08%
11) 1,1-Dichloroethene-d2	2.28	63	133489	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.52%
21) 2-Butanone-d5	4.18	46	111527	89.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.81%
24) Chloroform-d	4.65	84	118317	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.31	65	77582	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
32) Benzene-d6	5.34	84	239122	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
36) 1,2-Dichloropropane-d6	6.33	67	81157	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.50%
41) Toluene-d8	7.57	98	210645	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	7.85	79	37638	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.06%
47) 2-Hexanone-d5	8.31	63	80591	89.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105770	45.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	75690	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	96774	49.92	ug/L	100
3) Chloromethane	1.33	50	114202	51.27	ug/L	99
5) Vinyl chloride	1.40	62	108174	49.70	ug/L	98
6) Bromomethane	1.62	94	47201	49.62	ug/L	96
8) Chloroethane	1.70	64	60668	46.51	ug/L	100
9) Trichlorofluoromethane	1.89	101	112633	51.70	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	67303	52.04	ug/L	99
12) 1,1-Dichloroethene	2.29	96	62620	49.59	ug/L	95
13) Acetone	2.32	43	130370	128.00	ug/L	99
14) Carbon disulfide	2.48	76	211170	45.53	ug/L	99
15) Methyl Acetate	2.62	43	108077	52.95	ug/L	100
16) Methylene chloride	2.70	84	78692	51.31	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	68930	49.30	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	245728	52.86	ug/L	100
19) 1,1-Dichloroethane	3.45	63	151118	52.34	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	78967	50.91	ug/L	100
22) 2-Butanone	4.26	43	166034	113.88	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	36699	51.88	ug/L	97
25) Chloroform	4.67	83	139258	49.93	ug/L	100
27) 1,2-Dichloroethane	5.41	62	115084	51.38	ug/L	99
29) Cyclohexane	5.00	56	141373	51.58	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	114518	52.97	ug/L	99
31) Carbon tetrachloride	5.14	117	98472	54.15	ug/L	99
33) Benzene	5.39	78	315779	53.18	ug/L	100
34) Trichloroethene	6.19	95	73444	51.43	ug/L	99
35) Methylcyclohexane	6.42	83	125851	50.72	ug/L	99
37) 1,2-Dichloropropane	6.43	63	92111	53.54	ug/L	100
38) Bromodichloromethane	6.76	83	105090	53.75	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	132402	52.38	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	274635	109.01	ug/L	99
42) Toluene	7.64	91	311403	52.27	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	124244	52.95	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	73992	53.58	ug/L	99
46) Tetrachloroethene	8.23	164	55323	52.13	ug/L	99
48) 2-Hexanone	8.36	43	224458	112.83	ug/L	99
49) Dibromochloromethane	8.48	129	78293	54.37	ug/L	99
50) 1,2-Dibromoethane	8.59	107	75402	51.46	ug/L	97
51) Chlorobenzene	9.12	112	193178	51.29	ug/L	99
52) Ethylbenzene	9.25	91	343640	51.94	ug/L	99
53) m,p-Xylene	9.38	106	127108	52.49	ug/L	98
54) o-xylene	9.78	106	124297	53.29	ug/L	100
55) Styrene	9.79	104	214393	53.67	ug/L	99
56) Isopropylbenzene	10.17	105	329902	53.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	129151	53.37	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	105205	54.01	ug/L	100
61) Bromoform	9.96	173	56013	56.56	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	138481	51.05	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	143358	50.67	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	145112	52.55	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	27703	54.12	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	106209	50.68	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	94579	49.08	ug/L	99
69) Naphthalene	13.74	128	317201	53.38	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	99603	50.82	ug/L	99

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

