

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080518\
 Data File : VU025877.D
 Acq On : 04 Aug 2018 16:57
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Aug 06 01:31:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 06 01:30:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	297156	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	288850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	156313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70602	41.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.24%
7) Chloroethane-d5	1.68	69	60815	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.92%
11) 1,1-Dichloroethene-d2	2.27	63	164411	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
21) 2-Butanone-d5	4.18	46	144900	110.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.64%
24) Chloroform-d	4.65	84	184728	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
26) 1,2-Dichloroethane-d4	5.31	65	121089	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.35	84	341304	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.34	67	110122	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.26%
41) Toluene-d8	7.57	98	328046	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	7.85	79	55624	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.31	63	104139	104.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.19%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	163448	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	143008	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	126075	43.06	ug/L	100
3) Chloromethane	1.33	50	106901	50.56	ug/L	99
5) Vinyl chloride	1.41	62	107685	46.43	ug/L	99
6) Bromomethane	1.63	94	53470	66.30	ug/L	95
8) Chloroethane	1.70	64	65545	48.00	ug/L	96
9) Trichlorofluoromethane	1.89	101	157895	47.81	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	89201	48.23	ug/L	97
12) 1,1-Dichloroethene	2.28	96	83252	49.64	ug/L	96
13) Acetone	2.32	43	110301	71.75	ug/L	100
14) Carbon disulfide	2.48	76	245874	45.03	ug/L	99
15) Methyl Acetate	2.62	43	116113	54.64	ug/L	98
16) Methylene chloride	2.70	84	104449	50.00	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	92909	48.12	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	317847	50.55	ug/L	99
19) 1,1-Dichloroethane	3.45	63	184992	50.37	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	107981	49.54	ug/L	93
22) 2-Butanone	4.27	43	161880	94.59	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	58598	50.94	ug/L	97
25) Chloroform	4.68	83	195768	50.65	ug/L	100
27) 1,2-Dichloroethane	5.41	62	159067	50.46	ug/L	96
29) Cyclohexane	5.00	56	149209	44.59	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	174742	48.35	ug/L	99
31) Carbon tetrachloride	5.14	117	156919	46.95	ug/L	98
33) Benzene	5.39	78	397969	47.95	ug/L	100
34) Trichloroethene	6.19	95	106389	48.31	ug/L	96
35) Methylcyclohexane	6.42	83	152039	42.82	ug/L	99
37) 1,2-Dichloropropane	6.44	63	109956	48.48	ug/L	100
38) Bromodichloromethane	6.76	83	148635	49.71	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	169368	48.12	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	314858	105.72	ug/L	100
42) Toluene	7.64	91	436117	48.73	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	165073	49.74	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	104952	48.24	ug/L	98
46) Tetrachloroethene	8.23	164	89595	46.93	ug/L	97
48) 2-Hexanone	8.36	43	252803	100.45	ug/L	99
49) Dibromochloromethane	8.48	129	131415	51.50	ug/L	97
50) 1,2-Dibromoethane	8.59	107	114930	49.04	ug/L	99
51) Chlorobenzene	9.12	112	294125	48.81	ug/L	99
52) Ethylbenzene	9.25	91	485850	49.18	ug/L	100
53) m,p-Xylene	9.38	106	190145	50.25	ug/L	98
54) o-xylene	9.78	106	184230	47.98	ug/L	98
55) Styrene	9.80	104	317142	50.72	ug/L	99
56) Isopropylbenzene	10.17	105	488608	49.31	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	177917	50.70	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	137370	51.57	ug/L	99
61) Bromoform	9.96	173	95546	47.26	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	239427	48.42	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	248104	49.16	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	249891	48.24	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	41770	51.27	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	179161	46.94	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	150642	46.96	ug/L	99
69) Naphthalene	13.74	128	463271	48.03	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	163317	48.16	ug/L	99

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

