

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025985.D
 Acq On : 09 Aug 2018 09:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05048

Quant Time: Aug 10 04:52:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 09 02:29:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	316048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155125	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109480	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.78%
7) Chloroethane-d5	1.68	69	90028	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.28	63	204963	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.38%
21) 2-Butanone-d5	4.17	46	171533	89.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.09%
24) Chloroform-d	4.65	84	239588	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.31	65	158264	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.34	84	459455	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
36) 1,2-Dichloropropane-d6	6.33	67	147304	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.96%
41) Toluene-d8	7.57	98	443450	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%
43) trans-1,3-Dichloropropene-	7.85	79	75944	50.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.24%
47) 2-Hexanone-d5	8.31	63	126122	92.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.33%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	209798	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	186174	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	143165	51.99	ug/L	99
3) Chloromethane	1.33	50	120304	48.69	ug/L	99
5) Vinyl chloride	1.40	62	120682	50.62	ug/L	100
6) Bromomethane	1.62	94	75083	58.90	ug/L	100
8) Chloroethane	1.70	64	71535	49.94	ug/L	97
9) Trichlorofluoromethane	1.89	101	174906	51.28	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	97277	49.03	ug/L	98
12) 1,1-Dichloroethene	2.29	96	85908	47.08	ug/L	92
13) Acetone	2.32	43	141529	118.33	ug/L	100
14) Carbon disulfide	2.48	76	302978	50.47	ug/L	100
15) Methyl Acetate	2.61	43	116219	46.39	ug/L	99
16) Methylene chloride	2.70	84	111059	47.68	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	103679	51.00	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	332127	49.71	ug/L	99
19) 1,1-Dichloroethane	3.45	63	197132	49.99	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	115181	49.24	ug/L	99
22) 2-Butanone	4.26	43	188454	108.89	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	61515	49.37	ug/L	99
25) Chloroform	4.67	83	204965	49.92	ug/L	98
27) 1,2-Dichloroethane	5.40	62	167539	49.40	ug/L	98
29) Cyclohexane	5.00	56	172861	51.67	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	188234	49.84	ug/L	100
31) Carbon tetrachloride	5.14	117	173750	50.38	ug/L	98
33) Benzene	5.39	78	432385	50.72	ug/L	100
34) Trichloroethene	6.19	95	112780	50.64	ug/L	98
35) Methylcyclohexane	6.42	83	183127	53.85	ug/L	99
37) 1,2-Dichloropropane	6.44	63	117678	50.45	ug/L	100
38) Bromodichloromethane	6.76	83	158283	50.93	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	179971	50.91	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	301791	94.16	ug/L	99
42) Toluene	7.64	91	464656	51.35	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	178050	52.91	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	111058	49.94	ug/L	98
46) Tetrachloroethene	8.23	164	97876	51.64	ug/L	99
48) 2-Hexanone	8.36	43	261290	104.64	ug/L	99
49) Dibromochloromethane	8.48	129	137445	51.25	ug/L	96
50) 1,2-Dibromoethane	8.59	107	119344	49.27	ug/L	99
51) Chlorobenzene	9.12	112	309398	50.71	ug/L	99
52) Ethylbenzene	9.25	91	514906	52.00	ug/L	99
53) m,p-Xylene	9.38	106	199525	52.74	ug/L	98
54) o-xylene	9.78	106	196638	52.37	ug/L	98
55) Styrene	9.79	104	336906	53.89	ug/L	99
56) Isopropylbenzene	10.17	105	517958	53.54	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	184823	48.90	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	145380	48.32	ug/L	99
61) Bromoform	9.96	173	103245	49.16	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	242680	50.25	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	251287	49.64	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	255439	49.69	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	40914	45.35	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	190885	52.89	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	160958	52.73	ug/L	99
69) Naphthalene	13.74	128	491044	49.87	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	169460	51.66	ug/L	99

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

