

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026436.D
 Acq On : 29 Aug 2018 22:55
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05053

Quant Time: Aug 30 02:24:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155855	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	73306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45243	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.70%
7) Chloroethane-d5	1.66	69	42671	48.93	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.86%
11) 1,1-Dichloroethene-d2	2.27	63	99040	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.08%
21) 2-Butanone-d5	4.18	46	76996	102.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.73%
24) Chloroform-d	4.65	84	89194	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	59769	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.34	84	174490	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	59227	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.18%
41) Toluene-d8	7.57	98	170853	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%
43) trans-1,3-Dichloropropene-	7.85	79	26510	49.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.20%
47) 2-Hexanone-d5	8.31	63	61713	113.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.80%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	92081	52.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	70655	53.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.24%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	59104	48.63	ug/L	99
3) Chloromethane	1.33	50	72778	48.50	ug/L	99
5) Vinyl chloride	1.40	62	79778	49.04	ug/L	99
6) Bromomethane	1.60	94	55939	58.00	ug/L	100
8) Chloroethane	1.68	64	48936	50.10	ug/L	99
9) Trichlorofluoromethane	1.88	101	103682	50.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	52854	45.79	ug/L	98
12) 1,1-Dichloroethene	2.27	96	50992	45.84	ug/L	96
13) Acetone	2.32	43	60327	92.96	ug/L	100
14) Carbon disulfide	2.47	76	153926	48.89	ug/L	99
15) Methyl Acetate	2.62	43	64300	50.46	ug/L	99
16) Methylene chloride	2.70	84	56845	49.70	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	49922	49.61	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	156012	51.07	ug/L	100
19) 1,1-Dichloroethane	3.45	63	98991	50.07	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	56649	50.25	ug/L	100
22) 2-Butanone	4.27	43	90766	104.05	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	29617	51.00	ug/L	94
25) Chloroform	4.67	83	101316	50.18	ug/L	96
27) 1,2-Dichloroethane	5.41	62	81774	50.21	ug/L	98
29) Cyclohexane	5.00	56	84477	51.92	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	82796	50.38	ug/L	100
31) Carbon tetrachloride	5.14	117	76615	51.31	ug/L	99
33) Benzene	5.39	78	220638	51.54	ug/L	100
34) Trichloroethene	6.19	95	54895	51.12	ug/L	99
35) Methylcyclohexane	6.42	83	86439	51.55	ug/L	99
37) 1,2-Dichloropropane	6.44	63	61519	51.91	ug/L	100
38) Bromodichloromethane	6.76	83	76268	50.46	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	84165	49.84	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	172890	108.17	ug/L	99
42) Toluene	7.64	91	232475	52.04	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	81748	50.79	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	56025	51.60	ug/L	99
46) Tetrachloroethene	8.23	164	88684	101.01	ug/L	100
48) 2-Hexanone	8.36	43	143719	114.17	ug/L	99
49) Dibromochloromethane	8.48	129	63347	51.78	ug/L	98
50) 1,2-Dibromoethane	8.59	107	59696	51.63	ug/L	96
51) Chlorobenzene	9.12	112	149902	50.18	ug/L	99
52) Ethylbenzene	9.25	91	250773	51.62	ug/L	100
53) m,p-Xylene	9.38	106	95377	52.58	ug/L	98
54) o-xylene	9.78	106	96753	54.69	ug/L	97
55) Styrene	9.79	104	166379	53.84	ug/L	97
56) Isopropylbenzene	10.17	105	244152	52.72	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	102363	53.52	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	78681	53.20	ug/L	98
61) Bromoform	9.96	173	50950	56.31	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	111571	52.01	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	115827	51.05	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	122780	54.27	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	20943	55.05	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	85498	49.39	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	73086	48.34	ug/L	100
69) Naphthalene	13.74	128	260332	55.14	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	83654	50.39	ug/L	99

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

