

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\
 Data File : VU026263.D
 Acq On : 22 Aug 2018 21:27
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05047

Quant Time: Aug 23 07:29:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:27:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	297641	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	161871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91498	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.80%
7) Chloroethane-d5	1.68	69	74331	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.42%
11) 1,1-Dichloroethene-d2	2.27	63	180404	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.12%
21) 2-Butanone-d5	4.18	46	152019	104.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	4.65	84	208664	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
26) 1,2-Dichloroethane-d4	5.31	65	135586	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
32) Benzene-d6	5.35	84	404966	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.33	67	129018	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.57	98	388366	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%
43) trans-1,3-Dichloropropene-	7.85	79	64205	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.24%
47) 2-Hexanone-d5	8.31	63	113605	105.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	187408	50.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	167170	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	122392	52.37	ug/L	98
3) Chloromethane	1.33	50	112124	52.04	ug/L	99
5) Vinyl chloride	1.40	62	113661	52.35	ug/L	97
6) Bromomethane	1.63	94	67317	49.87	ug/L	98
8) Chloroethane	1.70	64	66440	53.37	ug/L	99
9) Trichlorofluoromethane	1.89	101	163981	53.33	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	89290	52.33	ug/L	100
12) 1,1-Dichloroethene	2.28	96	82658	52.76	ug/L	99
13) Acetone	2.32	43	101580	90.59	ug/L	98
14) Carbon disulfide	2.48	76	302640	50.36	ug/L	100
15) Methyl Acetate	2.62	43	114946	53.26	ug/L	99
16) Methylene chloride	2.71	84	112290	53.26	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	101133	52.38	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	308729	53.37	ug/L	100
19) 1,1-Dichloroethane	3.45	63	190340	54.13	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	112623	52.84	ug/L	97
22) 2-Butanone	4.27	43	157499	104.98	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	60861	53.39	ug/L	98
25) Chloroform	4.68	83	198484	52.87	ug/L	96
27) 1,2-Dichloroethane	5.41	62	162589	54.37	ug/L	98
29) Cyclohexane	5.00	56	157863	52.27	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	179586	52.48	ug/L	99
31) Carbon tetrachloride	5.14	117	164241	51.05	ug/L	99
33) Benzene	5.39	78	425714	53.02	ug/L	100
34) Trichloroethene	6.19	95	108708	51.20	ug/L	98
35) Methylcyclohexane	6.42	83	167118	51.47	ug/L	98
37) 1,2-Dichloropropane	6.44	63	113511	51.73	ug/L	100
38) Bromodichloromethane	6.76	83	151646	51.68	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	172743	51.83	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	295673	106.32	ug/L	100
42) Toluene	7.64	91	459444	53.78	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	166653	51.96	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	108491	52.34	ug/L	98
46) Tetrachloroethene	8.23	164	94466	51.71	ug/L	94
48) 2-Hexanone	8.36	43	231381	103.38	ug/L	98
49) Dibromochloromethane	8.48	129	134242	52.69	ug/L	98
50) 1,2-Dibromoethane	8.59	107	117933	51.55	ug/L	100
51) Chlorobenzene	9.12	112	302168	51.71	ug/L	98
52) Ethylbenzene	9.25	91	496774	53.38	ug/L	98
53) m,p-Xylene	9.38	106	193322	53.75	ug/L	96
54) o-xylene	9.78	106	188817	53.82	ug/L	99
55) Styrene	9.79	104	331598	55.37	ug/L	99
56) Isopropylbenzene	10.17	105	492811	54.15	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	182468	52.01	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	142735	52.18	ug/L	99
61) Bromoform	9.96	173	101400	50.57	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	235925	49.44	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	250223	49.63	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	255480	50.90	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	41728	49.77	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	188075	50.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	162703	49.76	ug/L	99
69) Naphthalene	13.74	128	510103	52.37	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	181168	52.01	ug/L	97

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

