

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026339.D
 Acq On : 24 Aug 2018 17:24
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05053

Quant Time: Aug 25 02:31:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 02:29:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	335114	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	322642	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	174567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92728	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.74%
7) Chloroethane-d5	1.68	69	78876	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.64%
11) 1,1-Dichloroethene-d2	2.27	63	186406	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.80%
21) 2-Butanone-d5	4.18	46	164352	100.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.75%
24) Chloroform-d	4.65	84	224549	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.31	65	143734	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.35	84	428154	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	139296	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	7.57	98	411969	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	7.85	79	67884	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.31	63	121665	102.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	201427	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	178680	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	120823	45.916	ug/L 100
3) Chloromethane	1.33	50	116841	48.161	ug/L 99
5) Vinyl chloride	1.40	62	116403	47.622	ug/L 97
6) Bromomethane	1.63	94	63156	41.555	ug/L 99
8) Chloroethane	1.70	64	67466	48.131	ug/L 98
9) Trichlorofluoromethane	1.89	101	167887	48.494	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91230	47.490	ug/L 98
12) 1,1-Dichloroethene	2.28	96	84187	47.731	ug/L 95
13) Acetone	2.32	43	103986	82.362	ug/L 100
14) Carbon disulfide	2.48	76	297292	43.936	ug/L 100
15) Methyl Acetate	2.62	43	114359	47.065	ug/L 99
16) Methylene chloride	2.70	84	111968	47.173	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	104306	47.978	ug/L 96
18) Methyl tert-butyl Ether	3.00	73	318231	48.862	ug/L 99
19) 1,1-Dichloroethane	3.45	63	193690	48.924	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	115981	48.331	ug/L 93
22) 2-Butanone	4.27	43	154501	91.465	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	60942	47.486	ug/L	98
25) Chloroform	4.68	83	201338	47.638	ug/L	100
27) 1,2-Dichloroethane	5.41	62	163252	48.489	ug/L	99
29) Cyclohexane	5.00	56	159330	48.153	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	183542	48.962	ug/L	98
31) Carbon tetrachloride	5.14	117	166109	47.132	ug/L	100
33) Benzene	5.39	78	431556	49.062	ug/L	100
34) Trichloroethene	6.19	95	114805	49.358	ug/L	97
35) Methylcyclohexane	6.42	83	171471	48.210	ug/L	99
37) 1,2-Dichloropropane	6.44	63	117592	48.917	ug/L	100
38) Bromodichloromethane	6.76	83	152204	47.351	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	170144	46.597	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	297140	97.530	ug/L	99
42) Toluene	7.64	91	465892	49.779	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	168720	48.023	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	111062	48.907	ug/L	98
46) Tetrachloroethene	8.23	164	100123	50.027	ug/L	97
48) 2-Hexanone	8.36	43	233555	95.255	ug/L	98
49) Dibromochloromethane	8.48	129	131452	47.101	ug/L	99
50) 1,2-Dibromoethane	8.59	107	120905	48.238	ug/L	100
51) Chlorobenzene	9.12	112	305641	47.746	ug/L	99
52) Ethylbenzene	9.25	91	500858	49.132	ug/L	100
53) m,p-Xylene	9.38	106	198775	50.449	ug/L	97
54) o-xylene	9.78	106	193801	50.426	ug/L	98
55) Styrene	9.80	104	331390	50.514	ug/L	98
56) Isopropylbenzene	10.17	105	506428	50.794	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	182506	47.486	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	144127	48.092	ug/L	100
61) Bromoform	9.96	173	100312	46.387	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	246081	47.821	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	257187	47.301	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	260936	48.211	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	40418	44.702	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	195006	48.277	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	172656	48.965	ug/L	99
69) Naphthalene	13.74	128	528156	50.278	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	184104	49.005	ug/L	99

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

