

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026438.D
 Acq On : 30 Aug 2018 10:33
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Aug 31 04:19:37 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	164036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72941	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43084	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.78%
7) Chloroethane-d5	1.68	69	47389	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.26%
11) 1,1-Dichloroethene-d2	2.27	63	104939	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
21) 2-Butanone-d5	4.19	46	73907	93.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.69%
24) Chloroform-d	4.65	84	93898	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.31	65	59988	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.34	84	176473	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
36) 1,2-Dichloropropane-d6	6.33	67	60407	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.00%
41) Toluene-d8	7.57	98	168547	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	26533	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.18%
47) 2-Hexanone-d5	8.32	63	57923	104.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.53%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	86799	48.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	67384	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	65310	51.06	ug/L	98
3) Chloromethane	1.33	50	80554	51.01	ug/L	99
5) Vinyl chloride	1.40	62	82826	48.38	ug/L	100
6) Bromomethane	1.63	94	56398	55.56	ug/L	100
8) Chloroethane	1.69	64	61158	59.49	ug/L	99
9) Trichlorofluoromethane	1.88	101	112629	51.73	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	65627	54.02	ug/L	99
12) 1,1-Dichloroethene	2.28	96	58156	49.67	ug/L	96
13) Acetone	2.34	43	95279	139.49	ug/L	100
14) Carbon disulfide	2.47	76	161212	48.65	ug/L	100
15) Methyl Acetate	2.62	43	65757	49.03	ug/L	98
16) Methylene chloride	2.70	84	60392	50.17	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	52655	49.72	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	167614	52.13	ug/L	100
19) 1,1-Dichloroethane	3.45	63	105526	50.71	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	61188	51.57	ug/L	99
22) 2-Butanone	4.27	43	107938	117.57	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	31251	51.13	ug/L	95
25) Chloroform	4.67	83	108812	51.20	ug/L	98
27) 1,2-Dichloroethane	5.41	62	87892	51.28	ug/L	99
29) Cyclohexane	5.00	56	93534	56.26	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	90316	53.78	ug/L	99
31) Carbon tetrachloride	5.14	117	82402	54.01	ug/L	100
33) Benzene	5.39	78	235534	53.84	ug/L	100
34) Trichloroethene	6.18	95	58030	52.88	ug/L	98
35) Methylcyclohexane	6.42	83	98803	57.66	ug/L	99
37) 1,2-Dichloropropane	6.43	63	66234	54.69	ug/L	99
38) Bromodichloromethane	6.76	83	80921	52.40	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	93790	54.35	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	171666	105.10	ug/L	99
42) Toluene	7.64	91	248668	54.47	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	87229	53.03	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	59254	53.41	ug/L	99
46) Tetrachloroethene	8.23	164	50763	56.58	ug/L	98
48) 2-Hexanone	8.37	43	149751	116.41	ug/L	99
49) Dibromochloromethane	8.48	129	66238	52.98	ug/L	98
50) 1,2-Dibromoethane	8.59	107	62370	52.79	ug/L	96
51) Chlorobenzene	9.12	112	155513	50.94	ug/L	98
52) Ethylbenzene	9.25	91	262014	52.77	ug/L	100
53) m,p-Xylene	9.37	106	100964	54.46	ug/L	98
54) o-xylene	9.78	106	98164	54.30	ug/L	98
55) Styrene	9.79	104	168600	53.39	ug/L	97
56) Isopropylbenzene	10.17	105	254184	53.71	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	101821	52.10	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	76438	50.58	ug/L	97
61) Bromoform	9.96	173	49792	55.31	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	112008	52.48	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	116744	51.71	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	123163	54.71	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	20032	52.92	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	90490	52.53	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	74989	49.84	ug/L	99
69) Naphthalene	13.74	128	248505	52.90	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	85629	51.83	ug/L	99

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

