

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
 Data File : VU023569.D
 Acq On : 02 May 2018 10:26
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 03 05:05:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 02 03:12:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	159178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102337	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.64%
7) Chloroethane-d5	1.68	69	79607	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.54%
11) 1,1-Dichloroethene-d2	2.27	63	213375	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.02%
21) 2-Butanone-d5	4.18	46	180856	117.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.21%
24) Chloroform-d	4.65	84	201543	54.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.14%
26) 1,2-Dichloroethane-d4	5.31	65	128158	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.35	84	406963	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.34	67	137266	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.57	98	384122	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%
43) trans-1,3-Dichloropropene-	7.85	79	61114	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.64%
47) 2-Hexanone-d5	8.31	63	130608	125.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.54%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190016	53.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	154292	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	164012	48.21	ug/L	100
3) Chloromethane	1.33	50	175755	48.16	ug/L	100
5) Vinyl chloride	1.40	62	163016	47.16	ug/L	97
6) Bromomethane	1.63	94	91053	49.15	ug/L	100
8) Chloroethane	1.70	64	94705	45.34	ug/L	100
9) Trichlorofluoromethane	1.89	101	190558	48.99	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	125143	51.03	ug/L	99
12) 1,1-Dichloroethene	2.28	96	114257	49.68	ug/L	97
13) Acetone	2.32	43	227841	99.39	ug/L	100
14) Carbon disulfide	2.48	76	383122	48.33	ug/L	100
15) Methyl Acetate	2.62	43	164876	54.30	ug/L	99
16) Methylene chloride	2.70	84	137996	48.08	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	123626	49.13	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	379521	51.02	ug/L	100
19) 1,1-Dichloroethane	3.45	63	247644	49.59	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	137755	49.33	ug/L	100
22) 2-Butanone	4.26	43	272446	106.87	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	70235	50.11	ug/L	98
25) Chloroform	4.68	83	237832	46.44	ug/L	99
27) 1,2-Dichloroethane	5.41	62	191326	50.39	ug/L	100
29) Cyclohexane	5.00	56	230542	51.17	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	190936	49.45	ug/L	100
31) Carbon tetrachloride	5.14	117	166812	49.72	ug/L	100
33) Benzene	5.39	78	538443	50.12	ug/L	100
34) Trichloroethene	6.19	95	135980	49.40	ug/L	99
35) Methylcyclohexane	6.42	83	221421	51.43	ug/L	99
37) 1,2-Dichloropropane	6.44	63	154586	50.20	ug/L	99
38) Bromodichloromethane	6.76	83	176473	50.81	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	214116	50.47	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	429263	114.20	ug/L	99
42) Toluene	7.64	91	569546	51.15	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	197245	52.10	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	131188	50.15	ug/L	98
46) Tetrachloroethene	8.23	164	113599	50.64	ug/L	99
48) 2-Hexanone	8.36	43	358705	109.57	ug/L	99
49) Dibromochloromethane	8.48	129	141793	51.46	ug/L	99
50) 1,2-Dibromoethane	8.59	107	133077	50.37	ug/L	100
51) Chlorobenzene	9.12	112	363400	48.98	ug/L	99
52) Ethylbenzene	9.25	91	620211	51.39	ug/L	99
53) m,p-Xylene	9.38	106	239062	51.93	ug/L	100
54) o-xylene	9.78	106	227566	52.18	ug/L	97
55) Styrene	9.80	104	401790	52.66	ug/L	100
56) Isopropylbenzene	10.17	105	607788	53.10	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	225481	52.50	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	180950	53.24	ug/L	99
61) Bromoform	9.96	173	104199	52.07	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	284764	49.61	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	298562	49.82	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	293395	49.96	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	48037	56.34	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	237626	49.42	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	207920	50.92	ug/L	100
69) Naphthalene	13.75	128	616196	57.50	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	218581	52.53	ug/L	100

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

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