

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024182.D
 Acq On : 27 May 2018 11:50
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 28 04:07:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:19:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	289113	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284939	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114179	51.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.90%
7) Chloroethane-d5	1.68	69	94824	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.66%
11) 1,1-Dichloroethene-d2	2.27	63	208077	50.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.78%
21) 2-Butanone-d5	4.18	46	169421	96.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.96%
24) Chloroform-d	4.65	84	213454	54.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.38%
26) 1,2-Dichloroethane-d4	5.31	65	138453	55.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.98%
32) Benzene-d6	5.35	84	425033	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.34	67	143944	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.52%
41) Toluene-d8	7.57	98	395008	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%
43) trans-1,3-Dichloropropene-	7.85	79	58775	54.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.38%
47) 2-Hexanone-d5	8.31	63	118708	92.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	197010	49.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	151899	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	135462	47.04	ug/L	100
3) Chloromethane	1.33	50	153144	47.84	ug/L	98
5) Vinyl chloride	1.40	62	141343	46.55	ug/L	100
6) Bromomethane	1.62	94	81952	52.31	ug/L	98
8) Chloroethane	1.70	64	89992	50.06	ug/L	98
9) Trichlorofluoromethane	1.89	101	169446	48.32	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	106602	50.12	ug/L	100
12) 1,1-Dichloroethene	2.28	96	96817	48.76	ug/L	97
13) Acetone	2.32	43	156010	102.45	ug/L	98
14) Carbon disulfide	2.48	76	306098	47.54	ug/L	100
15) Methyl Acetate	2.62	43	140070	50.46	ug/L	99
16) Methylene chloride	2.70	84	127704	51.69	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	104178	50.03	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	343579	54.70	ug/L	100
19) 1,1-Dichloroethane	3.45	63	215123	51.28	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	122100	52.44	ug/L	99
22) 2-Butanone	4.26	43	202546	101.43	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	65544	54.19	ug/L	96
25) Chloroform	4.68	83	215809	52.44	ug/L	98
27) 1,2-Dichloroethane	5.41	62	171582	52.51	ug/L	99
29) Cyclohexane	5.00	56	175932	47.03	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	163894	48.42	ug/L	99
31) Carbon tetrachloride	5.14	117	141165	47.62	ug/L	100
33) Benzene	5.39	78	478689	50.47	ug/L	100
34) Trichloroethene	6.19	95	112769	42.32	ug/L	98
35) Methylcyclohexane	6.42	83	176623	47.90	ug/L	98
37) 1,2-Dichloropropane	6.44	63	135453	50.92	ug/L	100
38) Bromodichloromethane	6.76	83	159588	51.05	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	183310	52.19	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	344323	95.47	ug/L	99
42) Toluene	7.64	91	496024	51.51	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	164086	52.46	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	123969	52.42	ug/L	98
46) Tetrachloroethene	8.23	164	92230	49.48	ug/L	98
48) 2-Hexanone	8.36	43	272178	95.65	ug/L	99
49) Dibromochloromethane	8.48	129	128244	51.55	ug/L	100
50) 1,2-Dibromoethane	8.59	107	122560	51.50	ug/L	99
51) Chlorobenzene	9.12	112	313757	50.20	ug/L	100
52) Ethylbenzene	9.26	91	511751	50.27	ug/L	99
53) m,p-Xylene	9.38	106	201143	52.16	ug/L	98
54) o-xylene	9.78	106	199722	51.71	ug/L	98
55) Styrene	9.80	104	341576	53.51	ug/L	98
56) Isopropylbenzene	10.17	105	498199	50.96	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	203869	49.01	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	161475	48.50	ug/L	99
61) Bromoform	9.96	173	91227	48.65	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	221292	49.82	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	227407	50.03	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	249879	50.92	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	39933	45.76	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	166766	50.86	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	122046	51.56	ug/L	99
69) Naphthalene	13.75	128	351675	50.44	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	141628	53.17	ug/L	99

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

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