

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052318\
 Data File : VU024029.D
 Acq On : 23 May 2018 10:12
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 04:01:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 02:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	288088	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	285226	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	150140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	93963	35.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.20%
7) Chloroethane-d5	1.68	69	79210	37.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.10%
11) 1,1-Dichloroethene-d2	2.27	63	198163	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
21) 2-Butanone-d5	4.18	46	182778	98.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.11%
24) Chloroform-d	4.65	84	196907	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
26) 1,2-Dichloroethane-d4	5.31	65	132648	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.35	84	381925	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
36) 1,2-Dichloropropane-d6	6.34	67	135168	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.12%
41) Toluene-d8	7.57	98	364559	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.85	79	59660	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.86%
47) 2-Hexanone-d5	8.31	63	131391	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	198843	50.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.42%
64) 1,2-Dichlorobenzene-d4	11.87	152	153559	47.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.72%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	137557	46.70	ug/L	100
3) Chloromethane	1.33	50	140988	51.46	ug/L	99
5) Vinyl chloride	1.40	62	145002	45.67	ug/L	97
6) Bromomethane	1.63	94	63505	50.18	ug/L	100
8) Chloroethane	1.70	64	90610	45.51	ug/L	100
9) Trichlorofluoromethane	1.89	101	183697	46.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	115692	47.81	ug/L	99
12) 1,1-Dichloroethene	2.28	96	100410	46.66	ug/L	87
13) Acetone	2.32	43	257172	137.05	ug/L	97
14) Carbon disulfide	2.48	76	281401	49.07	ug/L	99
15) Methyl Acetate	2.62	43	153324	48.71	ug/L	99
16) Methylene chloride	2.70	84	128319	50.14	ug/L	95
17) trans-1,2-Dichloroethene	2.99	96	107714	50.76	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	357400	52.46	ug/L	98
19) 1,1-Dichloroethane	3.45	63	231948	51.42	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	126840	51.18	ug/L	96
22) 2-Butanone	4.26	43	285477	125.01	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	65175	50.77	ug/L	94
25) Chloroform	4.68	83	242145	53.12	ug/L	99
27) 1,2-Dichloroethane	5.41	62	185557	53.53	ug/L	98
29) Cyclohexane	5.00	56	187215	54.65	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	185397	52.05	ug/L	99
31) Carbon tetrachloride	5.14	117	157249	51.22	ug/L	100
33) Benzene	5.39	78	494242	52.67	ug/L	100
34) Trichloroethene	6.19	95	122566	51.21	ug/L	98
35) Methylcyclohexane	6.42	83	180595	53.17	ug/L	98
37) 1,2-Dichloropropane	6.44	63	145944	52.56	ug/L	99
38) Bromodichloromethane	6.76	83	174508	53.03	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	200540	54.72	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	414989	106.08	ug/L	98
42) Toluene	7.64	91	521739	53.35	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	186635	55.30	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	128350	51.46	ug/L	98
46) Tetrachloroethene	8.23	164	96925	49.53	ug/L	96
48) 2-Hexanone	8.36	43	380269	119.69	ug/L	100
49) Dibromochloromethane	8.48	129	137718	51.93	ug/L	100
50) 1,2-Dibromoethane	8.59	107	129824	51.03	ug/L	99
51) Chlorobenzene	9.12	112	342041	51.55	ug/L	96
52) Ethylbenzene	9.25	91	577526	54.78	ug/L	100
53) m,p-Xylene	9.38	106	214998	53.81	ug/L	97
54) o-xylene	9.79	106	212358	54.70	ug/L	99
55) Styrene	9.80	104	386572	56.96	ug/L	99
56) Isopropylbenzene	10.17	105	559806	54.83	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	227307	50.63	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	182761	50.72	ug/L	99
61) Bromoform	9.96	173	103606	48.83	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	266756	51.01	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	285998	51.61	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	284672	50.48	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	48709	48.97	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	224607	51.94	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	186662	52.71	ug/L	99
69) Naphthalene	13.75	128	541246	53.68	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	200828	53.00	ug/L	98

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

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