

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052118\
 Data File : VU024003.D
 Acq On : 22 May 2018 06:11
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 22 06:36:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 02:00:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	296241	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105418	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.60%
7) Chloroethane-d5	1.68	69	85638	39.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.96%
11) 1,1-Dichloroethene-d2	2.27	63	206789	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.88%
21) 2-Butanone-d5	4.18	46	196841	102.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.75%
24) Chloroform-d	4.65	84	201940	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.31	65	136055	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.35	84	401219	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
36) 1,2-Dichloropropane-d6	6.34	67	138510	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.57	98	382682	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%
43) trans-1,3-Dichloropropene-	7.85	79	54197	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
47) 2-Hexanone-d5	8.31	63	139875	105.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.62%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	205131	50.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	156009	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	126801	41.87	ug/L	100
3) Chloromethane	1.33	50	126855	45.02	ug/L	100
5) Vinyl chloride	1.40	62	140931	43.17	ug/L	98
6) Bromomethane	1.63	94	56313	43.28	ug/L	97
8) Chloroethane	1.70	64	87747	42.86	ug/L	100
9) Trichlorofluoromethane	1.89	101	174259	42.74	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	104453	41.97	ug/L	99
12) 1,1-Dichloroethene	2.28	96	96677	43.69	ug/L	96
13) Acetone	2.32	43	146961	76.16	ug/L	98
14) Carbon disulfide	2.48	76	267670	45.39	ug/L	100
15) Methyl Acetate	2.62	43	160440	49.57	ug/L	99
16) Methylene chloride	2.70	84	124842	47.44	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	101186	46.37	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	346380	49.45	ug/L	98
19) 1,1-Dichloroethane	3.45	63	225618	48.64	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	123422	48.43	ug/L	95
22) 2-Butanone	4.27	43	228205	97.18	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	62462	47.31	ug/L	93
25) Chloroform	4.68	83	227913	48.62	ug/L	98
27) 1,2-Dichloroethane	5.41	62	179271	50.29	ug/L	98
29) Cyclohexane	5.00	56	175186	50.06	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	178224	48.98	ug/L	98
31) Carbon tetrachloride	5.14	117	147549	47.05	ug/L	100
33) Benzene	5.39	78	475883	49.64	ug/L	100
34) Trichloroethene	6.19	95	116295	47.56	ug/L	97
35) Methylcyclohexane	6.42	83	162394	46.80	ug/L	99
37) 1,2-Dichloropropane	6.44	63	141313	49.81	ug/L	98
38) Bromodichloromethane	6.76	83	166583	49.55	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	166284	44.41	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	422947	105.83	ug/L	98
42) Toluene	7.64	91	504144	50.46	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	158915	46.09	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	124229	48.75	ug/L	99
46) Tetrachloroethene	8.23	164	88793	44.42	ug/L	98
48) 2-Hexanone	8.36	43	336275	103.61	ug/L	99
49) Dibromochloromethane	8.48	129	131559	48.56	ug/L	99
50) 1,2-Dibromoethane	8.59	107	127337	49.00	ug/L	98
51) Chlorobenzene	9.12	112	325022	47.95	ug/L	98
52) Ethylbenzene	9.25	91	547184	50.81	ug/L	100
53) m,p-Xylene	9.38	106	202511	49.62	ug/L	97
54) o-xylene	9.78	106	203597	51.34	ug/L	100
55) Styrene	9.80	104	361376	52.12	ug/L	96
56) Isopropylbenzene	10.17	105	525744	50.41	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	224860	49.03	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	181757	49.37	ug/L	99
61) Bromoform	9.96	173	98996	47.50	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	245609	47.82	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	258469	47.48	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	266403	48.09	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	48818	49.96	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	196824	46.34	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	165048	47.45	ug/L	98
69) Naphthalene	13.75	128	519662	52.47	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	185150	49.74	ug/L	99

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

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