

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023657.D
 Acq On : 05 May 2018 03:01
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: May 05 04:01:38 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	157997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	79248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50276	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	41330	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.27	63	95140	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.20	46	157060	47.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.65	84	95646	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	53289	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	194078	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.34	67	65626	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.57	98	187564	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	21258	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.32	63	126926	48.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52380	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.87	152	69313	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	74116	4.97	ug/L	100
3) Chloromethane	1.33	50	72265	4.46	ug/L	100
5) Vinyl chloride	1.40	62	72826	4.93	ug/L	99
6) Bromomethane	1.63	94	21797	2.76	ug/L	100
8) Chloroethane	1.70	64	42026	4.66	ug/L	96
9) Trichlorofluoromethane	1.89	101	86749	5.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	49242	5.01	ug/L	99
12) 1,1-Dichloroethene	2.28	96	45743	4.92	ug/L	93
13) Acetone	2.32	43	92105	48.62	ug/L	99
14) Carbon disulfide	2.47	76	162822	4.85	ug/L	99
15) Methyl Acetate	2.62	43	26626	5.00	ug/L	99
16) Methylene chloride	2.70	84	52814	4.95	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	124572	5.20	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	51553	5.01	ug/L	97
19) 1,1-Dichloroethane	3.45	63	110387	5.66	ug/L	99
21) 2-Butanone	4.28	43	170728	48.73	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	61280	5.02	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	26221	4.96	ug/L	98
25) Chloroform	4.68	83	111498	5.28	ug/L	97
27) 1,2-Dichloroethane	5.41	62	69199	5.14	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	85914	4.98	ug/L	99
30) Cyclohexane	4.99	56	89283	4.56	ug/L	100
31) Carbon tetrachloride	5.13	117	74847	5.21	ug/L	99
33) Benzene	5.39	78	234131	4.87	ug/L	100
34) Trichloroethene	6.19	95	58998	4.71	ug/L	99
35) Methylcyclohexane	6.42	83	82768	4.36	ug/L	97
37) 1,2-Dichloropropane	6.44	63	64932	4.85	ug/L	100
38) Bromodichloromethane	6.76	83	72382	4.93	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	73328	4.39	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	398172	48.83	ug/L	99
42) Toluene	7.64	91	249162	5.09	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	61334	4.51	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	43590	5.19	ug/L	99
47) Tetrachloroethene	8.23	164	48679	4.91	ug/L	99
48) 2-Hexanone	8.37	43	300219	50.84	ug/L	99
49) Dibromochloromethane	8.48	129	47351	4.93	ug/L	94
50) 1,2-Dibromoethane	8.59	107	39850	5.08	ug/L	95
51) Chlorobenzene	9.12	112	155505	4.84	ug/L	99
52) Ethylbenzene	9.26	91	252573	4.85	ug/L	99
53) m,p-xylene	9.38	106	98417	5.04	ug/L	98
54) o-xylene	9.78	106	92526	5.01	ug/L	100
55) Styrene	9.80	104	167358	5.17	ug/L	98
56) Isopropylbenzene	10.17	105	245152	5.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	54908	4.92	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	39261	4.98	ug/L	99
61) Bromoform	9.96	173	26736	4.99	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	117129	4.88	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	124650	4.92	ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	119669	5.11	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8133	5.14	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	98894	4.84	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	80753	4.80	ug/L	99
69) Naphthalene	13.75	128	119044	4.65	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	78354	4.96	ug/L	98

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

