

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050518\
 Data File : VU023680.D
 Acq On : 05 May 2018 20:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 06 01:04:59 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun May 06 01:00:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149058	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	76729	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43690	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.68	69	37311	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.27	63	87169	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.20	46	157656	50.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.65	84	95236	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.32	65	51593	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	185662	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.34	67	62181	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.57	98	170755	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	21479	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.32	63	125013	50.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.46%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	51242	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	66610	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	71617	5.09	ug/L 100
3) Chloromethane	1.33	50	72429	4.74	ug/L 99
5) Vinyl chloride	1.40	62	72486	5.20	ug/L 96
6) Bromomethane	1.63	94	23888	3.21	ug/L 100
8) Chloroethane	1.70	64	42113	4.95	ug/L 95
9) Trichlorofluoromethane	1.89	101	85504	5.45	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	49940	5.39	ug/L 99
12) 1,1-Dichloroethene	2.28	96	46195	5.26	ug/L 97
13) Acetone	2.32	43	90294	50.52	ug/L 99
14) Carbon disulfide	2.48	76	158282	5.00	ug/L 100
15) Methyl Acetate	2.62	43	26292	5.23	ug/L 100
16) Methylene chloride	2.70	84	52259	5.19	ug/L 96
17) Methyl tert-butyl Ether	3.00	73	121887	5.39	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	50071	5.16	ug/L 98
19) 1,1-Dichloroethane	3.45	63	107813	5.86	ug/L 99
21) 2-Butanone	4.28	43	166936	50.50	ug/L 98
22) cis-1,2-Dichloroethene	4.23	96	59760	5.18	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	26117	5.24	ug/L	98
25) Chloroform	4.68	83	103593	5.20	ug/L	98
27) 1,2-Dichloroethane	5.41	62	66571	5.24	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	84355	5.22	ug/L	99
30) Cyclohexane	4.99	56	88277	4.81	ug/L	100
31) Carbon tetrachloride	5.13	117	73038	5.43	ug/L	99
33) Benzene	5.39	78	232777	5.17	ug/L	100
34) Trichloroethene	6.19	95	58749	5.01	ug/L	99
35) Methylcyclohexane	6.42	83	82667	4.65	ug/L	98
37) 1,2-Dichloropropane	6.44	63	64031	5.11	ug/L	99
38) Bromodichloromethane	6.76	83	71673	5.21	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	75823	4.85	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	392101	51.37	ug/L	99
42) Toluene	7.64	91	244826	5.34	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	62364	4.89	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	41398	5.27	ug/L	97
47) Tetrachloroethene	8.23	164	48834	5.26	ug/L	97
48) 2-Hexanone	8.37	43	292934	52.99	ug/L	99
49) Dibromochloromethane	8.48	129	46872	5.21	ug/L	96
50) 1,2-Dibromoethane	8.59	107	38930	5.31	ug/L	95
51) Chlorobenzene	9.12	112	156509	5.20	ug/L	99
52) Ethylbenzene	9.25	91	248157	5.09	ug/L	100
53) m,p-xylene	9.38	106	97298	5.32	ug/L	97
54) o-xylene	9.78	106	91721	5.30	ug/L	100
55) Styrene	9.80	104	164140	5.41	ug/L	99
56) Isopropylbenzene	10.17	105	242498	5.29	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	53549	5.12	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	38446	5.21	ug/L	99
61) Bromoform	9.96	173	25489	4.91	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	118432	5.10	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	125165	5.11	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	118777	5.24	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8191	5.35	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	98413	4.97	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	80633	4.95	ug/L	99
69) Naphthalene	13.75	128	118252	4.77	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	79099	5.17	ug/L	100

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

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