

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050518\
 Data File : VU023659.D
 Acq On : 05 May 2018 10:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 00:57:46 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	163050	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	83332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48497	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	40024	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	94945	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.19	46	135291	39.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.08%
24) Chloroform-d	4.65	84	97519	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	48538	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.34	84	184720	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.33	67	61584	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.57	98	175440	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	21069	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.32	63	107613	40.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46475	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	66174	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	76957	5.00	ug/L 99
3) Chloromethane	1.33	50	74065	4.43	ug/L 99
5) Vinyl chloride	1.40	62	74924	4.92	ug/L 98
6) Bromomethane	1.63	94	34609	4.25	ug/L 99
8) Chloroethane	1.70	64	45951	4.93	ug/L 99
9) Trichlorofluoromethane	1.89	101	92457	5.39	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	53315	5.26	ug/L 99
12) 1,1-Dichloroethene	2.28	96	49088	5.11	ug/L 98
13) Acetone	2.33	43	91076	46.59	ug/L 99
14) Carbon disulfide	2.48	76	173264	5.00	ug/L 99
15) Methyl Acetate	2.62	43	25182	4.58	ug/L 99
16) Methylene chloride	2.70	84	54985	4.99	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	122215	4.94	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	52780	4.97	ug/L 99
19) 1,1-Dichloroethane	3.45	63	115046	5.72	ug/L 99
21) 2-Butanone	4.28	43	156987	43.42	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	62647	4.97	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.55	128	26854	4.92	ug/L	99
25) Chloroform	4.68	83	111357	5.11	ug/L	99
27) 1,2-Dichloroethane	5.41	62	67752	4.88	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	88623	5.03	ug/L	99
30) Cyclohexane	5.00	56	94054	4.70	ug/L	100
31) Carbon tetrachloride	5.13	117	77700	5.29	ug/L	97
33) Benzene	5.39	78	242885	4.94	ug/L	100
34) Trichloroethene	6.19	95	62248	4.86	ug/L	97
35) Methylcyclohexane	6.42	83	92076	4.74	ug/L	100
37) 1,2-Dichloropropane	6.44	63	65893	4.82	ug/L	100
38) Bromodichloromethane	6.76	83	76468	5.10	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	81502	4.78	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	371814	44.63	ug/L	100
42) Toluene	7.64	91	257099	5.14	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	66394	4.77	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	42301	4.93	ug/L	96
47) Tetrachloroethene	8.23	164	51394	5.07	ug/L	99
48) 2-Hexanone	8.37	43	269411	44.65	ug/L	98
49) Dibromochloromethane	8.48	129	49003	4.99	ug/L	93
50) 1,2-Dibromoethane	8.59	107	37824	4.72	ug/L	98
51) Chlorobenzene	9.12	112	163040	4.97	ug/L	98
52) Ethylbenzene	9.25	91	261570	4.92	ug/L	97
53) m,p-xylene	9.38	106	102358	5.13	ug/L	99
54) o-xylene	9.78	106	96867	5.13	ug/L	100
55) Styrene	9.80	104	174556	5.27	ug/L	99
56) Isopropylbenzene	10.17	105	258037	5.16	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	52396	4.59	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	38558	4.79	ug/L	96
61) Bromoform	9.96	173	26460	4.69	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	126367	5.01	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	133194	5.00	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	125093	5.08	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8099	4.87	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	108271	5.04	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	86835	4.90	ug/L	100
69) Naphthalene	13.75	128	118454	4.40	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	81971	4.94	ug/L	99

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

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