

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU051118\
 Data File : VU023792.D
 Acq On : 11 May 2018 11:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 12 02:01:07 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 11 02:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	140373	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	71191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50952	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	39902	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.28	63	94918	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.21	46	128707	49.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.65	84	84800	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.32	65	45787	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.34	84	183024	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.34	67	58996	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.57	98	174273	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	20833	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.32	63	96340	50.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	44348	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	62774	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	67728	4.99	ug/L 99
3) Chloromethane	1.33	50	64028	4.96	ug/L 98
5) Vinyl chloride	1.40	62	68698	4.95	ug/L 94
6) Bromomethane	1.63	94	25095	5.24	ug/L 100
8) Chloroethane	1.70	64	41645	4.67	ug/L 99
9) Trichlorofluoromethane	1.89	101	83877	5.12	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	50582	5.13	ug/L 99
12) 1,1-Dichloroethene	2.29	96	46467	5.06	ug/L 98
13) Acetone	2.35	43	86514	48.36	ug/L 97
14) Carbon disulfide	2.48	76	154215	4.93	ug/L 98
15) Methyl Acetate	2.63	43	22633	4.70	ug/L 100
16) Methylene chloride	2.70	84	52394	4.98	ug/L 97
17) Methyl tert-butyl Ether	3.01	73	114149	5.07	ug/L 99
18) trans-1,2-Dichloroethene	2.99	96	50161	5.09	ug/L 96
19) 1,1-Dichloroethane	3.45	63	97546	4.84	ug/L 99
21) 2-Butanone	4.30	43	146292	49.30	ug/L 100
22) cis-1,2-Dichloroethene	4.23	96	57039	4.99	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	25808	5.31	ug/L	95
25) Chloroform	4.68	83	107884	5.18	ug/L	97
27) 1,2-Dichloroethane	5.41	62	59878	4.92	ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	81251	4.89	ug/L	100
30) Cyclohexane	4.99	56	84224	4.85	ug/L	100
31) Carbon tetrachloride	5.14	117	71083	5.03	ug/L	99
33) Benzene	5.39	78	219911	4.99	ug/L	100
34) Trichloroethene	6.19	95	55622	4.90	ug/L	97
35) Methylcyclohexane	6.42	83	82287	4.94	ug/L	98
37) 1,2-Dichloropropane	6.44	63	60081	4.94	ug/L	99
38) Bromodichloromethane	6.76	83	68808	5.08	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	72357	4.95	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	331359	50.81	ug/L	100
42) Toluene	7.64	91	230645	5.16	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	58055	5.03	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	38370	4.97	ug/L	99
47) Tetrachloroethene	8.23	164	46859	5.04	ug/L	98
48) 2-Hexanone	8.37	43	248365	52.47	ug/L	100
49) Dibromochloromethane	8.48	129	44555	5.02	ug/L	99
50) 1,2-Dibromoethane	8.59	107	33992	4.91	ug/L	99
51) Chlorobenzene	9.12	112	147690	5.06	ug/L	100
52) Ethylbenzene	9.26	91	236160	5.09	ug/L	99
53) m,p-xylene	9.38	106	94185	5.40	ug/L	97
54) o-xylene	9.78	106	87730	5.20	ug/L	97
55) Styrene	9.80	104	156061	5.49	ug/L	99
56) Isopropylbenzene	10.17	105	231171	5.28	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	46880	4.83	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	34317	5.09	ug/L	100
61) Bromoform	9.96	173	24782	4.68	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	113299	4.96	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	117308	5.01	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	111614	4.83	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	6906	4.79	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	97303	5.14	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	75858	5.19	ug/L	100
69) Naphthalene	13.75	128	104147	4.65	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	73829	5.25	ug/L	99

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

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