

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU051118\
 Data File : VU023805.D
 Acq On : 11 May 2018 17:01
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 12 02:10:42 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 02:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68064	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52262	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.68	69	43164	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.27	63	103014	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.60%
20) 2-Butanone-d5	4.20	46	128400	53.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	4.65	84	81460	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	44937	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	172530	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.34	67	55717	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.57	98	164564	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	19647	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.32	63	100569	55.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	44867	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	62758	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	69922	5.58	ug/L 98
3) Chloromethane	1.33	50	68586	5.75	ug/L 100
5) Vinyl chloride	1.40	62	74897	5.84	ug/L 98
6) Bromomethane	1.63	94	24802	5.61	ug/L 100
8) Chloroethane	1.70	64	46113	5.60	ug/L 97
9) Trichlorofluoromethane	1.89	101	91074	6.02	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	55001	6.05	ug/L 96
12) 1,1-Dichloroethene	2.28	96	49960	5.89	ug/L 92
13) Acetone	2.32	43	108679	65.80	ug/L 98
14) Carbon disulfide	2.48	76	166745	5.78	ug/L 100
15) Methyl Acetate	2.62	43	29774	6.69	ug/L 96
16) Methylene chloride	2.70	84	59616	6.13	ug/L 93
17) Methyl tert-butyl Ether	3.00	73	132068	6.36	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	53284	5.85	ug/L 97
19) 1,1-Dichloroethane	3.45	63	100678	5.41	ug/L 97
21) 2-Butanone	4.28	43	151872	55.44	ug/L 97
22) cis-1,2-Dichloroethene	4.23	96	55276	5.24	ug/L 98

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

23) Bromochloromethane	4.55	128	24909	5.55	ug/L	97
25) Chloroform	4.68	83	104125	5.42	ug/L	98
27) 1,2-Dichloroethane	5.41	62	60744	5.41	ug/L #	94
29) 1,1,1-Trichloroethane	4.92	97	79363	4.97	ug/L	99
30) Cyclohexane	5.00	56	79784	4.78	ug/L	99
31) Carbon tetrachloride	5.13	117	68211	5.02	ug/L	99
33) Benzene	5.39	78	212025	5.00	ug/L	100
34) Trichloroethene	6.19	95	54317	4.97	ug/L	96
35) Methylcyclohexane	6.42	83	80625	5.03	ug/L	97
37) 1,2-Dichloropropane	6.44	63	59322	5.06	ug/L	100
38) Bromodichloromethane	6.76	83	66942	5.13	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	71157	5.05	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	354689	56.51	ug/L	100
42) Toluene	7.64	91	225652	5.25	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	59150	5.32	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	39531	5.33	ug/L	99
47) Tetrachloroethene	8.23	164	45492	5.09	ug/L	98
48) 2-Hexanone	8.37	43	263321	57.81	ug/L	99
49) Dibromochloromethane	8.48	129	44250	5.18	ug/L	99
50) 1,2-Dibromoethane	8.59	107	35366	5.31	ug/L	98
51) Chlorobenzene	9.12	112	144687	5.16	ug/L	99
52) Ethylbenzene	9.25	91	227546	5.09	ug/L	100
53) m,p-xylene	9.38	106	89322	5.32	ug/L	98
54) o-xylene	9.78	106	84341	5.20	ug/L	95
55) Styrene	9.80	104	153200	5.60	ug/L	98
56) Isopropylbenzene	10.17	105	227607	5.41	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	50495	5.40	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	36626	5.65	ug/L	98
61) Bromoform	9.96	173	25300	5.00	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	111877	5.12	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	116364	5.19	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	113126	5.12	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	7261	5.27	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	94269	5.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	74181	5.31	ug/L	99
69) Naphthalene	13.75	128	105279	4.92	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	73129	5.44	ug/L	98

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

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