

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023606.D
 Acq On : 03 May 2018 17:12
 Operator : MD/SY
 Sample : VSTD0.540
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 01:31:21 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	78679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	5492	0.45	ug/L	0.00
7) Chloroethane-d5	1.68	69	4024	0.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	10038	0.48	ug/L	0.00
20) 2-Butanone-d5	4.21	46	15575	6.40	ug/L	0.00
24) Chloroform-d	4.65	84	9480	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	5542	0.55	ug/L	0.00
32) Benzene-d6	5.34	84	19040	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	6132	0.44	ug/L	0.00
41) Toluene-d8	7.57	98	16357	0.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	2376	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	9758	4.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	5092	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	7086	0.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	7181	0.50	ug/L	99
3) Chloromethane	1.33	50	8113	0.56	ug/L	97
5) Vinyl chloride	1.40	62	7398	0.50	ug/L	86
6) Bromomethane	1.63	94	3991	0.49	ug/L	97
8) Chloroethane	1.70	64	5333	0.63	ug/L #	75
9) Trichlorofluoromethane	1.89	101	8139	0.47	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4943	0.49	ug/L	97
12) 1,1-Dichloroethene	2.28	96	4650	0.47	ug/L	94
13) Acetone	2.35	43	10156	6.42	ug/L	96
14) Carbon disulfide	2.48	76	17884	0.56	ug/L	98
15) Methyl Acetate	2.63	43	2922	0.64	ug/L	95
16) Methylene chloride	2.70	84	5612	0.50	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	11593	0.49	ug/L #	94
18) trans-1,2-Dichloroethene	2.98	96	5291	0.49	ug/L	92
19) 1,1-Dichloroethane	3.45	63	9578	0.48	ug/L	95
21) 2-Butanone	4.30	43	17444	6.33	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	5931	0.49	ug/L	92
23) Bromochloromethane	4.55	128	2644	0.50	ug/L	86
25) Chloroform	4.68	83	10785	0.53	ug/L	93
27) 1,2-Dichloroethane	5.41	62	6525	0.54	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	8027	0.48	ug/L	97
30) Cyclohexane	4.99	56	8490	0.47	ug/L	94
31) Carbon tetrachloride	5.13	117	6340	0.43	ug/L	92
33) Benzene	5.39	78	21968	0.47	ug/L	100
34) Trichloroethene	6.19	95	6047	0.49	ug/L	91
35) Methylcyclohexane	6.42	83	8139	0.42	ug/L	94
37) 1,2-Dichloropropane	6.44	63	6117	0.50	ug/L #	93
38) Bromodichloromethane	6.76	83	6738	0.50	ug/L	99
39) cis-1,3-Dichloropropene	7.28	75	7163	0.45	ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	33859	5.05	ug/L	99

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

42) Toluene	7.64	91	20778	0.42	ug/L	95
44) trans-1,3-Dichloropropene	7.89	75	5743	0.47	ug/L	97
45) 1,1,2-Trichloroethane	8.08	97	3790	0.46	ug/L	95
47) Tetrachloroethene	8.23	164	4622	0.45	ug/L	95
48) 2-Hexanone	8.37	43	23695	4.96	ug/L	93
49) Dibromochloromethane	8.48	129	4289	0.47	ug/L	92
50) 1,2-Dibromoethane	8.59	107	3539	0.46	ug/L #	95
51) Chlorobenzene	9.12	112	14892	0.46	ug/L	98
52) Ethylbenzene	9.26	91	21659	0.41	ug/L	99
53) m,p-xylene	9.38	106	8001	0.40	ug/L	99
54) o-xylene	9.79	106	7233	0.38	ug/L	98
55) Styrene	9.80	104	12469	0.38	ug/L	97
56) Isopropylbenzene	10.17	105	19489	0.39	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	5027	0.49	ug/L	92
59) 1,2,3-Trichloropropane	10.50	75	3633	0.50	ug/L	99
61) Bromoform	9.97	173	2470	0.50	ug/L #	96
62) 1,3-Dichlorobenzene	11.43	146	11290	0.47	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	12857	0.52	ug/L	97
65) 1,2-Dichlorobenzene	11.89	146	10702	0.46	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	649	0.49	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.90	180	9845	0.50	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	7538	0.46	ug/L	99
69) Naphthalene	13.75	128	9793	0.38	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	6882	0.44	ug/L	98

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

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