

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023728.D
 Acq On : 08 May 2018 11:13
 Operator : MD/SY
 Sample : VSTD01054
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 09 01:36:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 01:35:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	345245	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	326108	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	166503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25524	10.36	ug/L	0.00
7) Chloroethane-d5	1.68	69	18730	9.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	48939	10.32	ug/L	0.00
21) 2-Butanone-d5	4.18	46	36378	21.16	ug/L	0.00
24) Chloroform-d	4.65	84	42663	10.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	27427	9.82	ug/L	0.00
32) Benzene-d6	5.35	84	87313	9.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	28249	9.66	ug/L	0.00
41) Toluene-d8	7.57	98	79698	9.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	11103	8.85	ug/L	0.00
47) 2-Hexanone-d5	8.32	63	23264	20.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	38940	10.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	32426	9.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	34566	9.61	ug/L	100
3) Chloromethane	1.33	50	29415	7.81	ug/L	99
5) Vinyl chloride	1.40	62	34585	9.46	ug/L	# 79
6) Bromomethane	1.63	94	11761	6.32	ug/L	96
8) Chloroethane	1.70	64	21488	9.65	ug/L	96
9) Trichlorofluoromethane	1.89	101	42515	10.22	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	27517	10.49	ug/L	99
12) 1,1-Dichloroethene	2.29	96	25995	10.56	ug/L	87
13) Acetone	2.32	43	48407	19.90	ug/L	99
14) Carbon disulfide	2.48	76	79652	9.47	ug/L	97
15) Methyl Acetate	2.62	43	36141	10.94	ug/L	100
16) Methylene chloride	2.70	84	32116	10.46	ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	27702	10.27	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	85790	10.67	ug/L	99
19) 1,1-Dichloroethane	3.45	63	54606	10.21	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	30563	10.16	ug/L	93
22) 2-Butanone	4.27	43	54377	19.83	ug/L	99
23) Bromochloromethane	4.55	128	15529	10.25	ug/L	96
25) Chloroform	4.68	83	53859	9.88	ug/L	99
27) 1,2-Dichloroethane	5.41	62	42034	10.33	ug/L	98
29) Cyclohexane	5.00	56	45284	9.65	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	41745	10.25	ug/L	99
31) Carbon tetrachloride	5.14	117	35368	10.00	ug/L	100
33) Benzene	5.39	78	117783	10.46	ug/L	100
34) Trichloroethene	6.19	95	29946	10.31	ug/L	96
35) Methylcyclohexane	6.42	83	43513	9.68	ug/L	98
37) 1,2-Dichloropropane	6.44	63	33023	10.18	ug/L	100
38) Bromodichloromethane	6.76	83	38911	10.61	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	43305	9.69	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	87646	21.84	ug/L	98

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

42) Toluene	7.64	91	120920	10.34	ug/L	97
44) trans-1,3-Dichloropropene	7.89	75	38824	9.75	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	29316	10.58	ug/L	98
46) Tetrachloroethene	8.23	164	24584	10.44	ug/L	96
48) 2-Hexanone	8.37	43	69535	20.05	ug/L	99
49) Dibromochloromethane	8.48	129	29448	10.10	ug/L	96
50) 1,2-Dibromoethane	8.59	107	29439	10.46	ug/L #	99
51) Chlorobenzene	9.12	112	82104	10.48	ug/L	99
52) Ethylbenzene	9.26	91	130133	10.23	ug/L	99
53) m,p-Xylene	9.38	106	48922	10.11	ug/L	100
54) o-xylene	9.78	106	47160	10.25	ug/L	100
55) Styrene	9.80	104	80958	10.06	ug/L	97
56) Isopropylbenzene	10.17	105	125094	10.32	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	50661	11.07	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	40141	11.05	ug/L	99
61) Bromoform	9.96	173	22218	10.65	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	63835	10.73	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	65678	10.62	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	65405	10.75	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	9610	10.75	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	51319	10.36	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	40515	9.62	ug/L	99
69) Naphthalene	13.75	128	106186	9.59	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	42852	9.99	ug/L	99

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

