

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025935.D
 Acq On : 07 Aug 2018 11:37
 Operator : MD/SY
 Sample : VSTD05042
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05042

Quant Time: Aug 08 01:27:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 01:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	380472	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	194819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110663	52.49	ug/L	0.00
7) Chloroethane-d5	1.68	69	84037	53.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	208188	50.98	ug/L	0.00
21) 2-Butanone-d5	4.18	46	158403	109.19	ug/L	0.00
24) Chloroform-d	4.65	84	214170	52.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	140897	52.30	ug/L	0.00
32) Benzene-d6	5.35	84	423073	53.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	131175	52.85	ug/L	0.00
41) Toluene-d8	7.57	98	411432	53.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	69766	53.61	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	114129	110.50	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	182089	52.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	171282	53.22	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	146044	50.46	ug/L	100
3) Chloromethane	1.33	50	124662	51.19	ug/L	100
5) Vinyl chloride	1.41	62	135101	51.44	ug/L	100
6) Bromomethane	1.63	94	61047	52.49	ug/L	100
8) Chloroethane	1.70	64	80070	52.65	ug/L	100
9) Trichlorofluoromethane	1.89	101	193606	51.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	104041	49.75	ug/L	100
12) 1,1-Dichloroethene	2.28	96	99389	51.75	ug/L	100
13) Acetone	2.32	43	167698	97.65	ug/L	100
14) Carbon disulfide	2.48	76	343492	50.20	ug/L	100
15) Methyl Acetate	2.62	43	134673	51.36	ug/L	100
16) Methylene chloride	2.70	84	128838	51.48	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	122106	51.56	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	393081	52.21	ug/L	100
19) 1,1-Dichloroethane	3.45	63	223838	52.12	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	137238	51.87	ug/L	100
22) 2-Butanone	4.27	43	224446	104.54	ug/L	100
23) Bromochloromethane	4.55	128	71228	51.28	ug/L	100
25) Chloroform	4.68	83	235297	51.71	ug/L	100
27) 1,2-Dichloroethane	5.41	62	188199	51.87	ug/L	100
29) Cyclohexane	5.00	56	196650	51.53	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	212298	51.50	ug/L	100
31) Carbon tetrachloride	5.14	117	193005	52.36	ug/L	100
33) Benzene	5.39	78	492768	52.05	ug/L	100
34) Trichloroethene	6.19	95	133333	50.61	ug/L	100
35) Methylcyclohexane	6.42	83	205868	51.63	ug/L	100
37) 1,2-Dichloropropane	6.44	63	133366	52.73	ug/L	100
38) Bromodichloromethane	6.76	83	179272	52.14	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	216153	52.47	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	365418	105.96	ug/L	100

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42) Toluene	7.64	91	539241	52.20	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	207592	53.32	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	125779	52.06	ug/L	100
46) Tetrachloroethene	8.23	164	115527	51.02	ug/L	100
48) 2-Hexanone	8.36	43	294927	106.00	ug/L	100
49) Dibromochloromethane	8.48	129	156504	52.74	ug/L	100
50) 1,2-Dibromoethane	8.59	107	141943	52.38	ug/L	100
51) Chlorobenzene	9.12	112	365491	51.67	ug/L	100
52) Ethylbenzene	9.25	91	614001	52.24	ug/L	100
53) m,p-Xylene	9.38	106	237855	51.59	ug/L	100
54) o-xylene	9.78	106	231561	52.74	ug/L	100
55) Styrene	9.80	104	395218	53.43	ug/L	100
56) Isopropylbenzene	10.17	105	608437	52.14	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	209234	51.52	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	170427	52.95	ug/L	100
61) Bromoform	9.96	173	118043	53.06	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	302723	51.94	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	304094	51.21	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	304714	52.14	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	47646	53.65	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	225343	52.47	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	202140	54.23	ug/L	100
69) Naphthalene	13.74	128	605721	55.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	203422	53.26	ug/L	100

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

