

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025063.D
 Acq On : 29 Jun 2018 11:21
 Operator : MD/SY
 Sample : VSTD05042
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05042

Quant Time: Jun 29 23:19:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:18:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	376208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	346301	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	179312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112234	51.55	ug/L	0.00
7) Chloroethane-d5	1.68	69	91013	54.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	243593	55.14	ug/L	0.00
21) 2-Butanone-d5	4.18	46	188928	102.37	ug/L	0.00
24) Chloroform-d	4.65	84	241449	54.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	169231	59.31	ug/L	0.00
32) Benzene-d6	5.35	84	467151	54.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	149905	52.81	ug/L	0.00
41) Toluene-d8	7.57	98	458481	53.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	74851	51.87	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	137643	96.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	212393	51.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	194874	54.88	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168616	54.24	ug/L	100
3) Chloromethane	1.33	50	137397	50.23	ug/L	100
5) Vinyl chloride	1.40	62	144037	49.26	ug/L	100
6) Bromomethane	1.62	94	79687	55.95	ug/L	100
8) Chloroethane	1.70	64	86582	50.03	ug/L	100
9) Trichlorofluoromethane	1.89	101	214662	49.80	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	125346	51.13	ug/L	100
12) 1,1-Dichloroethene	2.28	96	114259	50.84	ug/L	100
13) Acetone	2.32	43	191713	98.23	ug/L	100
14) Carbon disulfide	2.48	76	346095	47.90	ug/L	100
15) Methyl Acetate	2.62	43	143580	48.30	ug/L	100
16) Methylene chloride	2.70	84	133755	48.73	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	122532	48.67	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	432891	51.95	ug/L	100
19) 1,1-Dichloroethane	3.45	63	237874	50.79	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	143207	48.73	ug/L	100
22) 2-Butanone	4.26	43	227808	92.73	ug/L	100
23) Bromochloromethane	4.55	128	74261	50.31	ug/L	100
25) Chloroform	4.68	83	253392	52.03	ug/L	100
27) 1,2-Dichloroethane	5.41	62	212751	55.86	ug/L	100
29) Cyclohexane	5.00	56	220203	51.13	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	229624	53.55	ug/L	100
31) Carbon tetrachloride	5.14	117	204067	52.35	ug/L	100
33) Benzene	5.39	78	518631	50.69	ug/L	100
34) Trichloroethene	6.19	95	138173	49.10	ug/L	100
35) Methylcyclohexane	6.42	83	231353	51.08	ug/L	100
37) 1,2-Dichloropropane	6.44	63	139203	49.14	ug/L	100
38) Bromodichloromethane	6.76	83	187565	50.21	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	224394	50.11	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	401438	95.80	ug/L	100

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42) Toluene	7.64	91	567910	49.99	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	207687	51.07	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	134007	50.11	ug/L	100
46) Tetrachloroethene	8.23	164	117500	49.73	ug/L	100
48) 2-Hexanone	8.36	43	321193	94.83	ug/L	100
49) Dibromochloromethane	8.48	129	158490	48.92	ug/L	100
50) 1,2-Dibromoethane	8.59	107	145945	49.86	ug/L	100
51) Chlorobenzene	9.12	112	376388	49.68	ug/L	100
52) Ethylbenzene	9.25	91	648462	49.91	ug/L	100
53) m,p-Xylene	9.38	106	250697	50.13	ug/L	100
54) o-xylene	9.78	106	251408	50.72	ug/L	100
55) Styrene	9.80	104	414590	49.71	ug/L	100
56) Isopropylbenzene	10.17	105	663524	50.81	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	222082	48.47	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	181817	50.20	ug/L	100
61) Bromoform	9.96	173	119068	46.05	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	300036	49.70	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	298217	49.19	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	320218	52.23	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	52916	49.56	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	225730	47.84	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	190338	48.88	ug/L	100
69) Naphthalene	13.74	128	628002	55.99	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	200537	50.18	ug/L	100

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

