

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025064.D
 Acq On : 29 Jun 2018 11:46
 Operator : MD/SY
 Sample : VSTD10043
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10043

Quant Time: Jun 29 23:19:41 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	366728	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	342538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	187311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	220621	103.96	ug/L	0.00
7) Chloroethane-d5	1.67	69	182022	110.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	483750	112.33	ug/L	0.00
21) 2-Butanone-d5	4.18	46	388545	215.97	ug/L	0.00
24) Chloroform-d	4.65	84	490437	113.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	335293	120.55	ug/L	0.00
32) Benzene-d6	5.35	84	940978	110.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	300573	107.05	ug/L	0.00
41) Toluene-d8	7.57	98	924462	108.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	157386	110.26	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	293233	206.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	443681	108.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	418197	112.74	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	333056	109.90	ug/L	100
3) Chloromethane	1.33	50	271077	101.65	ug/L	99
5) Vinyl chloride	1.40	62	285370	100.12	ug/L	100
6) Bromomethane	1.62	94	164149	118.22	ug/L	95
8) Chloroethane	1.69	64	171714	101.78	ug/L	98
9) Trichlorofluoromethane	1.89	101	411099	97.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	244732	102.41	ug/L	100
12) 1,1-Dichloroethene	2.28	96	226609	103.45	ug/L	93
13) Acetone	2.32	43	355598	186.90	ug/L	99
14) Carbon disulfide	2.48	76	692684	98.35	ug/L	100
15) Methyl Acetate	2.62	43	286929	99.01	ug/L	100
16) Methylene chloride	2.70	84	264648	98.90	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	243860	99.37	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	847434	104.32	ug/L	100
19) 1,1-Dichloroethane	3.45	63	466328	102.13	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	280461	97.90	ug/L	98
22) 2-Butanone	4.26	43	453887	189.54	ug/L	98
23) Bromochloromethane	4.55	128	146091	101.52	ug/L	96
25) Chloroform	4.68	83	494235	104.10	ug/L	100
27) 1,2-Dichloroethane	5.41	62	416148	112.08	ug/L	100
29) Cyclohexane	5.00	56	434708	102.04	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	449337	105.94	ug/L	100
31) Carbon tetrachloride	5.14	117	407935	105.80	ug/L	100
33) Benzene	5.39	78	1035013	102.28	ug/L	100
34) Trichloroethene	6.19	95	276098	99.19	ug/L	99
35) Methylcyclohexane	6.42	83	456201	101.83	ug/L	99
37) 1,2-Dichloropropane	6.44	63	274538	97.97	ug/L	100
38) Bromodichloromethane	6.76	83	373902	101.20	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	447129	100.96	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	805918	194.45	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	1145476	101.94	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	416024	103.42	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	265725	100.45	ug/L	99
46) Tetrachloroethene	8.23	164	236393	101.14	ug/L	99
48) 2-Hexanone	8.36	43	662997	197.89	ug/L	99
49) Dibromochloromethane	8.48	129	325058	101.43	ug/L	99
50) 1,2-Dibromoethane	8.59	107	293276	101.29	ug/L	98
51) Chlorobenzene	9.12	112	755878	100.87	ug/L	99
52) Ethylbenzene	9.25	91	1302758	101.37	ug/L	100
53) m,p-Xylene	9.38	106	507280	102.56	ug/L	98
54) o-xylene	9.78	106	504228	102.85	ug/L	99
55) Styrene	9.80	104	857223	103.91	ug/L	100
56) Isopropylbenzene	10.17	105	1332334	103.14	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	448894	99.05	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	366449	102.30	ug/L	99
61) Bromoform	9.96	173	251588	93.14	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	633496	100.47	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	632711	99.90	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	656713	102.55	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	117451	105.29	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	486406	98.67	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	427452	105.08	ug/L	99
69) Naphthalene	13.74	128	1395014	119.06	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	450775	107.99	ug/L	99

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

