

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025065.D
 Acq On : 29 Jun 2018 12:10
 Operator : MD/SY
 Sample : VSTD20044
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20044

Quant Time: Jun 29 23:20:04 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	366076	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	342556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	198925	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	434464	205.09	ug/L	0.00
7) Chloroethane-d5	1.66	69	351290	214.18	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.27	63	943720	219.53	ug/L	0.00
21) 2-Butanone-d5	4.18	46	756681	421.35	ug/L	0.00
24) Chloroform-d	4.65	84	966458	224.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	642290	231.34	ug/L	0.00
32) Benzene-d6	5.35	84	1838403	216.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	580221	206.64	ug/L	0.00
41) Toluene-d8	7.57	98	1819808	212.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	311116	217.96	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	601406	424.50	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	907201	221.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	863442	219.18	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	654858	216.47	ug/L	100
3) Chloromethane	1.33	50	531067	199.50	ug/L	100
5) Vinyl chloride	1.40	62	561356	197.30	ug/L	99
6) Bromomethane	1.61	94	255816	184.57	ug/L	96
8) Chloroethane	1.69	64	337041	200.13	ug/L	97
9) Trichlorofluoromethane	1.88	101	794074	189.33	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	482834	202.41	ug/L	100
12) 1,1-Dichloroethene	2.28	96	444819	203.42	ug/L	94
13) Acetone	2.32	43	669324	352.43	ug/L	100
14) Carbon disulfide	2.48	76	1381433	196.50	ug/L	100
15) Methyl Acetate	2.61	43	566363	195.78	ug/L	100
16) Methylene chloride	2.70	84	513704	192.32	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	480145	196.00	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1671800	206.17	ug/L	99
19) 1,1-Dichloroethane	3.45	63	913272	200.38	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	556539	194.62	ug/L	98
22) 2-Butanone	4.26	43	886115	370.69	ug/L	100
23) Bromochloromethane	4.55	128	287760	200.33	ug/L	97
25) Chloroform	4.68	83	969690	204.60	ug/L	99
27) 1,2-Dichloroethane	5.41	62	803936	216.91	ug/L	99
29) Cyclohexane	5.00	56	859626	201.78	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	894913	210.99	ug/L	99
31) Carbon tetrachloride	5.14	117	816136	211.65	ug/L	100
33) Benzene	5.39	78	2001781	197.80	ug/L	100
34) Trichloroethene	6.19	95	548504	197.05	ug/L	99
35) Methylcyclohexane	6.42	83	900425	200.97	ug/L	99
37) 1,2-Dichloropropane	6.44	63	542239	193.50	ug/L	100
38) Bromodichloromethane	6.76	83	749977	202.98	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	907312	204.85	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1613300	389.23	ug/L	100

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42) Toluene	7.64	91	2243690	199.66	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	845831	210.26	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	526991	199.21	ug/L	99
46) Tetrachloroethene	8.23	164	471080	201.54	ug/L	99
48) 2-Hexanone	8.36	43	1345424	401.56	ug/L	100
49) Dibromochloromethane	8.48	129	669106	208.77	ug/L	98
50) 1,2-Dibromoethane	8.59	107	587358	202.85	ug/L	98
51) Chlorobenzene	9.12	112	1504391	200.75	ug/L	100
52) Ethylbenzene	9.25	91	2591035	201.60	ug/L	99
53) m,p-Xylene	9.38	106	1005687	203.32	ug/L	99
54) o-xylene	9.78	106	1010330	206.06	ug/L	99
55) Styrene	9.80	104	1735262	210.32	ug/L	100
56) Isopropylbenzene	10.17	105	2667570	206.50	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	937456	206.85	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	747836	208.75	ug/L	98
61) Bromoform	9.96	173	533899	186.12	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	1334314	199.25	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	1345906	200.10	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1389707	204.34	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	247805	209.19	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	1048806	200.34	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	940572	217.73	ug/L	99
69) Naphthalene	13.74	128	2994743	240.67	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	965849	217.87	ug/L	99

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

