

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026426.D
 Acq On : 29 Aug 2018 16:05
 Operator : MD/SY
 Sample : VSTD20051
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20051

Quant Time: Aug 30 01:57:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 01:55:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	166387	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166684	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	95954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	200592	194.58	ug/L	0.00
7) Chloroethane-d5	1.66	69	176215	189.26	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	448458	193.17	ug/L	0.00
21) 2-Butanone-d5	4.18	46	341193	426.43	ug/L	0.00
24) Chloroform-d	4.65	84	382553	196.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	251336	193.89	ug/L	0.00
32) Benzene-d6	5.34	84	762272	198.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	257886	195.40	ug/L	0.00
41) Toluene-d8	7.57	98	762238	205.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	130244	216.11	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	296282	489.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	411287	211.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	345714	198.58	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	253032	195.03	ug/L	99
3) Chloromethane	1.33	50	305454	190.68	ug/L	100
5) Vinyl chloride	1.40	62	346991	199.80	ug/L	99
6) Bromomethane	1.60	94	237424	230.60	ug/L	99
8) Chloroethane	1.68	64	206120	197.68	ug/L	100
9) Trichlorofluoromethane	1.88	101	429597	194.53	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	234803	190.55	ug/L	99
12) 1,1-Dichloroethene	2.27	96	228489	192.39	ug/L	97
13) Acetone	2.32	43	245145	353.83	ug/L	98
14) Carbon disulfide	2.47	76	671142	199.69	ug/L	100
15) Methyl Acetate	2.62	43	271618	199.66	ug/L	99
16) Methylene chloride	2.70	84	237506	194.51	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	221222	205.93	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	697868	214.00	ug/L	100
19) 1,1-Dichloroethane	3.45	63	422263	200.05	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	251495	208.98	ug/L	99
22) 2-Butanone	4.26	43	399631	429.13	ug/L	99
23) Bromochloromethane	4.55	128	127690	205.95	ug/L	91
25) Chloroform	4.67	83	429414	199.20	ug/L	96
27) 1,2-Dichloroethane	5.41	62	350339	201.51	ug/L	99
29) Cyclohexane	5.00	56	395064	217.53	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	360840	196.72	ug/L	99
31) Carbon tetrachloride	5.14	117	328874	197.33	ug/L	99
33) Benzene	5.39	78	956291	200.12	ug/L	100
34) Trichloroethene	6.19	95	241076	201.13	ug/L	98
35) Methylcyclohexane	6.42	83	410244	219.19	ug/L	98
37) 1,2-Dichloropropane	6.44	63	269002	203.34	ug/L	99
38) Bromodichloromethane	6.76	83	335235	198.72	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	418920	222.24	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	811623	454.92	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	1050169	210.61	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	400032	222.65	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	240851	198.74	ug/L	99
46) Tetrachloroethene	8.23	164	199567	203.65	ug/L	97
48) 2-Hexanone	8.37	43	656806	467.43	ug/L	99
49) Dibromochloromethane	8.48	129	289213	211.79	ug/L	99
50) 1,2-Dibromoethane	8.59	107	268986	208.43	ug/L	97
51) Chlorobenzene	9.12	112	691091	207.26	ug/L	99
52) Ethylbenzene	9.25	91	1207741	222.70	ug/L	100
53) m,p-Xylene	9.38	106	458610	226.48	ug/L	99
54) o-xylene	9.78	106	460586	233.24	ug/L	98
55) Styrene	9.80	104	827901	240.00	ug/L	99
56) Isopropylbenzene	10.17	105	1211207	234.32	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	463231	216.99	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	354670	214.86	ug/L	99
61) Bromoform	9.96	173	244814	206.72	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	579903	206.53	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	597307	201.13	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	593698	200.47	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	101921	204.67	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	475885	210.01	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	437516	221.06	ug/L	100
69) Naphthalene	13.74	128	1413390	228.72	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	449580	206.88	ug/L	100

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

