

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026422.D
 Acq On : 29 Aug 2018 14:32
 Operator : MD/SY
 Sample : VSTD00547
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00547

Quant Time: Aug 30 01:56:39 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	140577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	135923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62977	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	4208	4.83	ug/L	0.00
7) Chloroethane-d5	1.68	69	3821	4.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	9882	5.04	ug/L	0.00
21) 2-Butanone-d5	4.19	46	5857	8.66	ug/L	0.00
24) Chloroform-d	4.65	84	8083	4.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	5531	5.05	ug/L	0.00
32) Benzene-d6	5.35	84	14538	4.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	5116	4.75	ug/L	0.00
41) Toluene-d8	7.57	98	13490	4.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	2054	4.18	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	3442	6.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	7172	4.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	5476	4.79	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	5557	5.07	ug/L	96
3) Chloromethane	1.33	50	6882	5.08	ug/L	97
5) Vinyl chloride	1.40	62	7278	4.96	ug/L	96
6) Bromomethane	1.63	94	4072	4.68	ug/L	100
8) Chloroethane	1.70	64	4472	5.08	ug/L	94
9) Trichlorofluoromethane	1.89	101	9706	5.20	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5370	5.16	ug/L	100
12) 1,1-Dichloroethene	2.28	96	5010	4.99	ug/L	91
13) Acetone	2.32	43	6224	10.63	ug/L	98
14) Carbon disulfide	2.48	76	14484	5.10	ug/L	100
15) Methyl Acetate	2.62	43	5714	4.97	ug/L	95
16) Methylene chloride	2.70	84	5457	5.29	ug/L	88
17) trans-1,2-Dichloroethene	2.98	96	4462	4.92	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	12855	4.67	ug/L	99
19) 1,1-Dichloroethane	3.45	63	8783	4.92	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	4642	4.57	ug/L	88
22) 2-Butanone	4.27	43	6874	8.74	ug/L	95
23) Bromochloromethane	4.55	128	2430	4.64	ug/L	94
25) Chloroform	4.68	83	9041	4.96	ug/L	100
27) 1,2-Dichloroethane	5.41	62	7145	4.86	ug/L	98
29) Cyclohexane	5.00	56	6398	4.32	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	7588	5.07	ug/L	97
31) Carbon tetrachloride	5.14	117	6804	5.01	ug/L	99
33) Benzene	5.39	78	18827	4.83	ug/L	100
34) Trichloroethene	6.19	95	4747	4.86	ug/L	96
35) Methylcyclohexane	6.42	83	6411	4.20	ug/L	92
37) 1,2-Dichloropropane	6.43	63	5142	4.77	ug/L	# 97
38) Bromodichloromethane	6.76	83	6685	4.86	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	6522	4.24	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	11736	8.07	ug/L	97

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42) Toluene	7.64	91	18261	4.49	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	6324	4.32	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	4958	5.02	ug/L	95
46) Tetrachloroethene	8.23	164	3973	4.97	ug/L	97
48) 2-Hexanone	8.37	43	8937	7.80	ug/L	96
49) Dibromochloromethane	8.48	129	5250	4.71	ug/L	99
50) 1,2-Dibromoethane	8.59	107	4910	4.67	ug/L	98
51) Chlorobenzene	9.12	112	13524	4.97	ug/L	99
52) Ethylbenzene	9.25	91	18837	4.26	ug/L	99
53) m,p-Xylene	9.38	106	6772	4.10	ug/L	93
54) o-xylene	9.78	106	6422	3.99	ug/L	99
55) Styrene	9.80	104	10351	3.68	ug/L	97
56) Isopropylbenzene	10.17	105	16588	3.94	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	7992	4.59	ug/L	96
59) 1,2,3-Trichloropropane	10.50	75	6136	4.56	ug/L	99
61) Bromoform	9.96	173	3848	4.95	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	8873	4.81	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	9805	5.03	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	9563	4.92	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.66	75	1651	5.05	ug/L	88
67) 1,3,5-Trichlorobenzene	12.89	180	7019	4.72	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	5828	4.49	ug/L	99
69) Naphthalene	13.75	128	15746	3.88	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	6522	4.57	ug/L	99

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

