

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032461.D
 Acq On : 05 Jun 2019 15:06
 Operator : JC/SP
 Sample : VSTD20058
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20058

Quant Time: Jun 06 02:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 06 02:03:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	210038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	202039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113612	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	279816	185.45	ug/L	0.00
7) Chloroethane-d5	1.65	69	225041	183.97	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.26	63	557240	203.15	ug/L	0.00
21) 2-Butanone-d5	4.16	46	502466	479.62	ug/L	0.00
24) Chloroform-d	4.64	84	531623	198.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	332186	208.04	ug/L	0.00
32) Benzene-d6	5.33	84	1063360	200.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	336419	204.19	ug/L	0.00
41) Toluene-d8	7.56	98	1013704	204.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	176916	231.26	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	377367	524.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	515912	205.14	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	435937	190.23	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	383583	228.672	ug/L	99
3) Chloromethane	1.32	50	368581	210.041	ug/L	100
5) Vinyl chloride	1.40	62	372650	210.816	ug/L	100
6) Bromomethane	1.60	94	210652	187.723	ug/L	100
8) Chloroethane	1.68	64	212548	198.827	ug/L	98
9) Trichlorofluoromethane	1.87	101	502928	223.639	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	261078	197.890	ug/L	99
12) 1,1-Dichloroethene	2.27	96	257727	193.210	ug/L	92
13) Acetone	2.32	43	440047	436.774	ug/L	100
14) Carbon disulfide	2.46	76	784308	195.161	ug/L	99
15) Methyl Acetate	2.61	43	347076	220.168	ug/L	98
16) Methylene chloride	2.69	84	289494	186.062	ug/L	100
17) trans-1,2-Dichloroethene	2.97	96	277292	199.701	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	907936	213.093	ug/L	100
19) 1,1-Dichloroethane	3.43	63	509935	201.546	ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	315014	202.115	ug/L	97
22) 2-Butanone	4.25	43	591997	491.059	ug/L	99
23) Bromochloromethane	4.54	128	164138	199.399	ug/L	97
25) Chloroform	4.66	83	524132	199.987	ug/L	98
27) 1,2-Dichloroethane	5.40	62	418899	212.836	ug/L	100
29) Cyclohexane	4.99	56	480554	227.440	ug/L	100
30) 1,1,1-Trichloroethane	4.90	97	465762	215.193	ug/L	98
31) Carbon tetrachloride	5.13	117	431781	230.751	ug/L	100
33) Benzene	5.38	78	1145018	202.106	ug/L	100
34) Trichloroethene	6.18	95	305612	207.994	ug/L	98
35) Methylcyclohexane	6.41	83	496235	219.929	ug/L	99
37) 1,2-Dichloropropane	6.42	63	308364	208.176	ug/L	100
38) Bromodichloromethane	6.75	83	408752	213.885	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	519352	234.326	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	1039961	512.429	ug/L	100

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42) Toluene	7.63	91	1258400	204.312	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	468091	239.625	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	290104	200.346	ug/L	99
46) Tetrachloroethene	8.22	164	253568	210.756	ug/L	99
48) 2-Hexanone	8.36	43	857087	516.408	ug/L	98
49) Dibromochloromethane	8.47	129	360784	226.879	ug/L	99
50) 1,2-Dibromoethane	8.58	107	333121	216.298	ug/L	98
51) Chlorobenzene	9.11	112	819175	206.055	ug/L	100
52) Ethylbenzene	9.24	91	1431054	216.604	ug/L	100
53) m,p-Xylene	9.37	106	542542	214.697	ug/L	98
54) o-xylene	9.77	106	537009	211.641	ug/L	98
55) Styrene	9.79	104	936217	220.506	ug/L	97
56) Isopropylbenzene	10.16	105	1428750	220.240	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	524535	209.886	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	412015	208.810	ug/L	100
61) Bromoform	9.95	173	295666	204.722	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	688206	197.854	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	696020	196.118	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	694106	191.306	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	136452	225.667	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	570484	220.095	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	525947	256.516	ug/L	100
69) Naphthalene	13.74	128	1706728	276.519	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	514815	236.169	ug/L	99

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

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