

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025936.D
 Acq On : 07 Aug 2018 12:01
 Operator : MD/SY
 Sample : VSTD10043
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10043

Quant Time: Aug 08 01:27:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 01:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	385513	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	370772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	206935	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	223974	104.84	ug/L	0.00
7) Chloroethane-d5	1.67	69	165032	103.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	413183	99.86	ug/L	0.00
21) 2-Butanone-d5	4.18	46	317567	216.04	ug/L	0.00
24) Chloroform-d	4.65	84	427940	103.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	276634	101.34	ug/L	0.00
32) Benzene-d6	5.35	84	846580	103.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	263955	103.88	ug/L	0.00
41) Toluene-d8	7.57	98	827100	104.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	143719	107.86	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	234579	221.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	372880	105.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	350348	102.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	290889	99.19	ug/L	100
3) Chloromethane	1.33	50	249899	101.28	ug/L	99
5) Vinyl chloride	1.40	62	267894	100.67	ug/L	100
6) Bromomethane	1.62	94	137895	117.01	ug/L	98
8) Chloroethane	1.70	64	154801	100.46	ug/L	98
9) Trichlorofluoromethane	1.89	101	383396	100.01	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	205896	97.17	ug/L	99
12) 1,1-Dichloroethene	2.28	96	194095	99.74	ug/L	94
13) Acetone	2.32	43	297209	170.80	ug/L	99
14) Carbon disulfide	2.48	76	688787	99.35	ug/L	99
15) Methyl Acetate	2.62	43	269696	101.50	ug/L	99
16) Methylene chloride	2.70	84	249958	98.57	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	236253	98.46	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	769263	100.84	ug/L	99
19) 1,1-Dichloroethane	3.45	63	437346	100.50	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	270843	101.03	ug/L	96
22) 2-Butanone	4.27	43	414910	190.72	ug/L	99
23) Bromochloromethane	4.55	128	139623	99.20	ug/L	99
25) Chloroform	4.68	83	461571	100.12	ug/L	99
27) 1,2-Dichloroethane	5.41	62	372919	101.44	ug/L	98
29) Cyclohexane	5.00	56	395146	101.13	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	415955	98.56	ug/L	100
31) Carbon tetrachloride	5.14	117	384385	101.85	ug/L	99
33) Benzene	5.39	78	969279	100.01	ug/L	100
34) Trichloroethene	6.19	95	260242	96.49	ug/L	98
35) Methylcyclohexane	6.42	83	419791	102.83	ug/L	99
37) 1,2-Dichloropropane	6.44	63	260425	100.58	ug/L	100
38) Bromodichloromethane	6.76	83	355249	100.93	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	438168	103.90	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	726121	205.66	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	1077366	101.86	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	416161	104.40	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	250626	101.33	ug/L	99
46) Tetrachloroethene	8.23	164	232695	100.38	ug/L	99
48) 2-Hexanone	8.36	43	579892	203.58	ug/L	99
49) Dibromochloromethane	8.48	129	316793	104.28	ug/L	99
50) 1,2-Dibromoethane	8.59	107	283975	102.36	ug/L	100
51) Chlorobenzene	9.12	112	725792	100.22	ug/L	98
52) Ethylbenzene	9.25	91	1219090	101.31	ug/L	99
53) m,p-Xylene	9.38	106	480164	101.72	ug/L	98
54) o-xylene	9.78	106	466836	103.86	ug/L	98
55) Styrene	9.80	104	804444	106.22	ug/L	99
56) Isopropylbenzene	10.17	105	1225412	102.58	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	416989	100.28	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	334422	101.48	ug/L	100
61) Bromoform	9.96	173	245244	103.78	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	608146	98.23	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	620800	98.42	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	613039	98.75	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	98126	104.01	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	467680	102.52	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	424591	107.24	ug/L	99
69) Naphthalene	13.74	128	1295661	111.35	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	421656	103.94	ug/L	100

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

