

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031215.D
 Acq On : 16 Apr 2019 16:54
 Operator : JC/SP
 Sample : VSTD05049
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Apr 17 02:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 02:35:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	535121	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	506179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	230734	48.55	ug/L	0.00
7) Chloroethane-d5	1.68	69	214497	57.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	450350	51.50	ug/L	0.00
21) 2-Butanone-d5	4.19	46	378472	100.70	ug/L	0.00
24) Chloroform-d	4.64	84	418907	55.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	258013	51.51	ug/L	0.00
32) Benzene-d6	5.34	84	803443	53.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	254854	50.26	ug/L	0.00
41) Toluene-d8	7.56	98	711554	53.68	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	123684	53.12	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	249926	107.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	348649	51.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	255840	53.25	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	233529	49.393	ug/L	100
3) Chloromethane	1.32	50	271531	45.294	ug/L	100
5) Vinyl chloride	1.40	62	265824	45.942	ug/L	100
6) Bromomethane	1.63	94	181976	57.339	ug/L	100
8) Chloroethane	1.70	64	179117	52.377	ug/L	100
9) Trichlorofluoromethane	1.88	101	381762	54.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	197044	50.669	ug/L	100
12) 1,1-Dichloroethene	2.28	96	191412	51.275	ug/L	100
13) Acetone	2.34	43	256211	70.787	ug/L	100
14) Carbon disulfide	2.48	76	525967	46.403	ug/L	100
15) Methyl Acetate	2.62	43	227402	39.852	ug/L	100
16) Methylene chloride	2.70	84	193929	44.233	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	170844	44.460	ug/L	100
18) Methyl tert-butyl Ether	2.99	73	558990	43.682	ug/L	100
19) 1,1-Dichloroethane	3.44	63	349671	44.254	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	221499	50.637	ug/L	100
22) 2-Butanone	4.28	43	399922	91.442	ug/L	100
23) Bromochloromethane	4.54	128	109182	52.531	ug/L	100
25) Chloroform	4.67	83	394335	48.488	ug/L	100
27) 1,2-Dichloroethane	5.40	62	292676	47.418	ug/L	100
29) Cyclohexane	4.99	56	368726	50.835	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	326611	52.113	ug/L	100
31) Carbon tetrachloride	5.13	117	283006	52.353	ug/L	100
33) Benzene	5.39	78	840117	50.484	ug/L	100
34) Trichloroethene	6.18	95	203253	49.782	ug/L	100
35) Methylcyclohexane	6.41	83	301946	48.412	ug/L	100
37) 1,2-Dichloropropane	6.43	63	214264	46.262	ug/L	100
38) Bromodichloromethane	6.75	83	276254	48.820	ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	323820	48.985	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	636710	87.613	ug/L	100

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42) Toluene	7.63	91	830130	49.388	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	289634	49.544	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	196568	49.207	ug/L	100
46) Tetrachloroethene	8.22	164	154206	51.374	ug/L	100
48) 2-Hexanone	8.36	43	512742	90.794	ug/L	100
49) Dibromochloromethane	8.47	129	212954	50.150	ug/L	100
50) 1,2-Dibromoethane	8.58	107	208727	48.646	ug/L	100
51) Chlorobenzene	9.12	112	513690	49.419	ug/L	100
52) Ethylbenzene	9.25	91	893166	48.694	ug/L	100
53) m,p-Xylene	9.37	106	324610	50.435	ug/L	100
54) o-xylene	9.77	106	324731	50.666	ug/L	100
55) Styrene	9.79	104	562395	51.400	ug/L	100
56) Isopropylbenzene	10.16	105	843128	50.230	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	337393	47.373	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	260853	47.180	ug/L	100
61) Bromoform	9.95	173	159276	49.920	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	369245	48.761	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	378685	48.937	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	385970	50.472	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	72399	45.712	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	283094	50.788	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	240470	51.135	ug/L	100
69) Naphthalene	13.74	128	787309	51.871	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	255605	51.630	ug/L	100

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

