

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU031985.D
 Acq On : 14 May 2019 11:31
 Operator : JC/SP
 Sample : VSTD10053
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10053

Quant Time: May 15 01:48:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 01:44:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1094402	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1107276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	524502	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	925702	100.86	ug/L	0.00
7) Chloroethane-d5	1.67	69	751482	104.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	1633759	91.15	ug/L	0.00
21) 2-Butanone-d5	4.17	46	1406319	177.62	ug/L	0.00
24) Chloroform-d	4.64	84	1560419	94.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	971877	90.88	ug/L	0.00
32) Benzene-d6	5.33	84	3241399	96.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	1053866	90.52	ug/L	0.00
41) Toluene-d8	7.56	98	3019853	103.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	497861	99.57	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	996425	199.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1588610	99.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	1085437	98.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	910863	78.248	ug/L 100
3) Chloromethane	1.32	50	1002426	72.047	ug/L 99
5) Vinyl chloride	1.40	62	1083950	81.937	ug/L 99
6) Bromomethane	1.61	94	578046	82.530	ug/L 99
8) Chloroethane	1.68	64	634187	86.887	ug/L 98
9) Trichlorofluoromethane	1.88	101	1208569	80.420	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	738509	85.467	ug/L 99
12) 1,1-Dichloroethene	2.28	96	756311	89.635	ug/L 93
13) Acetone	2.32	43	1200721	135.464	ug/L 98
14) Carbon disulfide	2.47	76	2418979	86.821	ug/L 99
15) Methyl Acetate	2.61	43	985189	73.522	ug/L # 100
16) Methylene chloride	2.69	84	898258	89.732	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	794863	90.118	ug/L 99
18) Methyl tert-butyl Ether	2.99	73	2539856	91.221	ug/L 100
19) 1,1-Dichloroethane	3.44	63	1536110	84.312	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	901900	95.111	ug/L 98
22) 2-Butanone	4.25	43	1602552	162.571	ug/L 98
23) Bromochloromethane	4.54	128	423060	91.390	ug/L 98
25) Chloroform	4.67	83	1514522	86.500	ug/L 98
27) 1,2-Dichloroethane	5.40	62	1188258	83.936	ug/L 99
29) Cyclohexane	4.99	56	1437742	85.532	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	1210542	80.941	ug/L 100
31) Carbon tetrachloride	5.13	117	1008440	79.210	ug/L 100
33) Benzene	5.38	78	3487237	87.583	ug/L 100
34) Trichloroethene	6.18	95	859657	89.114	ug/L 99
35) Methylcyclohexane	6.41	83	1412947	96.800	ug/L 99
37) 1,2-Dichloropropane	6.43	63	942819	84.259	ug/L 100
38) Bromodichloromethane	6.75	83	1148664	84.815	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	1440435	95.438	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	2769105	163.529	ug/L 99

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42) Toluene	7.63	91	3742505	93.725	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	1247366	92.225	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	855295	91.577	ug/L	99
46) Tetrachloroethene	8.22	164	609286	91.528	ug/L	99
48) 2-Hexanone	8.36	43	2289037	167.917	ug/L	99
49) Dibromochloromethane	8.47	129	869568	89.995	ug/L	100
50) 1,2-Dibromoethane	8.58	107	916934	92.462	ug/L	100
51) Chlorobenzene	9.12	112	2251202	94.640	ug/L	99
52) Ethylbenzene	9.24	91	4107704	98.824	ug/L	99
53) m,p-Xylene	9.37	106	1532476	103.813	ug/L	98
54) o-xylene	9.77	106	1517038	104.543	ug/L	100
55) Styrene	9.79	104	2651192	107.256	ug/L	98
56) Isopropylbenzene	10.16	105	3886900	102.620	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	1555077	93.242	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	1226510	91.047	ug/L	99
61) Bromoform	9.95	173	649768	85.391	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	1666374	96.187	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	1683562	93.528	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	1730563	94.012	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	342336	83.217	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	1230764	95.033	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	1061315	103.892	ug/L	100
69) Naphthalene	13.74	128	3865913	110.530	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	1117840	96.213	ug/L	99

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

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