

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029977.D
 Acq On : 11 Mar 2019 19:32
 Operator : JC/SP
 Sample : VSTD20047
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20047

Quant Time: Mar 12 05:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 05:42:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	536868	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	534433	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	761148	228.17	ug/L	0.00
7) Chloroethane-d5	1.66	69	600527	215.84	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	1351486	217.80	ug/L	0.00
21) 2-Butanone-d5	4.17	46	1194368	467.38	ug/L	0.00
24) Chloroform-d	4.64	84	1366687	214.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	778642	209.09	ug/L	0.00
32) Benzene-d6	5.34	84	2906469	215.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	885204	217.05	ug/L	0.00
41) Toluene-d8	7.56	98	2779995	216.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	463194	234.21	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	1112900	502.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1420868	222.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	1198655	204.43	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	674145	170.838	ug/L	99
3) Chloromethane	1.33	50	744475	147.366	ug/L	99
5) Vinyl chloride	1.40	62	816813	198.460	ug/L	99
6) Bromomethane	1.60	94	447539	320.045	ug/L	98
8) Chloroethane	1.68	64	487085	191.877	ug/L	97
9) Trichlorofluoromethane	1.88	101	1090173	199.493	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	695108	204.438	ug/L	99
12) 1,1-Dichloroethene	2.28	96	676871	206.263	ug/L	93
13) Acetone	2.32	43	1098974	393.761	ug/L	100
14) Carbon disulfide	2.47	76	2116846	207.029	ug/L	100
15) Methyl Acetate	2.61	43	816808	214.599	ug/L	99
16) Methylene chloride	2.70	84	776140	201.090	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	733759	209.227	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	2221366	242.936	ug/L	100
19) 1,1-Dichloroethane	3.44	63	1258103	208.666	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	842072	210.406	ug/L	100
22) 2-Butanone	4.26	43	1410434	440.283	ug/L	98
23) Bromochloromethane	4.54	128	431527	213.314	ug/L	100
25) Chloroform	4.67	83	1306290	201.241	ug/L	99
27) 1,2-Dichloroethane	5.40	62	939022	203.947	ug/L	99
29) Cyclohexane	4.99	56	1171348	212.862	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	1136115	211.211	ug/L	99
31) Carbon tetrachloride	5.13	117	1020863	213.656	ug/L	100
33) Benzene	5.39	78	2992657	209.503	ug/L	100
34) Trichloroethene	6.18	95	794067	205.899	ug/L	99
35) Methylcyclohexane	6.41	83	1338776	217.982	ug/L	98
37) 1,2-Dichloropropane	6.43	63	796486	212.781	ug/L	100
38) Bromodichloromethane	6.75	83	1024441	219.312	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	1311808	228.878	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	2254154	449.480	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	3315844	212.290	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	1215397	237.740	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	802020	211.366	ug/L	99
46) Tetrachloroethene	8.22	164	688517	207.696	ug/L	99
48) 2-Hexanone	8.36	43	1924745	452.138	ug/L	99
49) Dibromochloromethane	8.48	129	952023	227.709	ug/L	97
50) 1,2-Dibromoethane	8.58	107	902928	220.637	ug/L	97
51) Chlorobenzene	9.12	112	2246535	212.712	ug/L	98
52) Ethylbenzene	9.25	91	3746301	216.698	ug/L	100
53) m,p-Xylene	9.37	106	1462723	219.640	ug/L	97
54) o-xylene	9.78	106	1452261	220.391	ug/L	99
55) Styrene	9.79	104	2535590	233.959	ug/L	97
56) Isopropylbenzene	10.16	105	3789356	221.816	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	1419530	216.571	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	1065150	215.633	ug/L	100
61) Bromoform	9.95	173	792810	227.342	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	1925550	211.200	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	1935495	207.320	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	1912645	205.660	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	329229	222.543	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	1510352	216.952	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	1429728	229.303	ug/L	99
69) Naphthalene	13.74	128	4716633	240.170	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	1425625	216.969	ug/L	99

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

