

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029976.D
 Acq On : 11 Mar 2019 19:09
 Operator : JC/SP
 Sample : VSTD10046
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10046

Quant Time: Mar 12 05:46:12 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	537005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278303	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	373883	112.05	ug/L	0.00
7) Chloroethane-d5	1.67	69	303459	109.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	666662	107.41	ug/L	0.00
21) 2-Butanone-d5	4.17	46	580808	227.23	ug/L	0.00
24) Chloroform-d	4.64	84	667902	104.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	380619	102.18	ug/L	0.00
32) Benzene-d6	5.34	84	1424332	108.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	431894	108.89	ug/L	0.00
41) Toluene-d8	7.56	98	1356731	108.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	220624	114.71	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	519440	241.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	669191	107.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	561741	102.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	334502	84.746 ug/L	99
3) Chloromethane	1.33	50	369952	73.212 ug/L	100
5) Vinyl chloride	1.40	62	405491	98.497 ug/L	99
6) Bromomethane	1.61	94	260863	186.501 ug/L	99
8) Chloroethane	1.69	64	250720	98.741 ug/L	98
9) Trichlorofluoromethane	1.88	101	542793	99.301 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	347867	102.285 ug/L	99
12) 1,1-Dichloroethene	2.28	96	334705	101.969 ug/L	92
13) Acetone	2.32	43	581823	208.413 ug/L	99
14) Carbon disulfide	2.48	76	1042544	101.935 ug/L	99
15) Methyl Acetate	2.61	43	406937	106.887 ug/L	99
16) Methylene chloride	2.70	84	385093	99.748 ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	363841	103.721 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1099160	120.177 ug/L	100
19) 1,1-Dichloroethane	3.44	63	626385	103.864 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	421516	105.296 ug/L	99
22) 2-Butanone	4.26	43	713106	222.547 ug/L	99
23) Bromochloromethane	4.55	128	214374	105.943 ug/L	99
25) Chloroform	4.67	83	658618	101.438 ug/L	99
27) 1,2-Dichloroethane	5.40	62	469928	102.038 ug/L	99
29) Cyclohexane	4.99	56	582411	108.829 ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	566794	108.348 ug/L	99
31) Carbon tetrachloride	5.13	117	507831	109.288 ug/L	99
33) Benzene	5.39	78	1484756	106.879 ug/L	100
34) Trichloroethene	6.18	95	390992	104.248 ug/L	100
35) Methylcyclohexane	6.41	83	650001	108.825 ug/L	100
37) 1,2-Dichloropropane	6.43	63	393751	108.163 ug/L	100
38) Bromodichloromethane	6.75	83	500218	110.113 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	640785	114.961 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1095800	224.678 ug/L	99

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42) Toluene	7.63	91	1648118	108.499	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	589118	118.492	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	395205	107.096	ug/L	99
46) Tetrachloroethene	8.22	164	341727	105.997	ug/L	99
48) 2-Hexanone	8.36	43	942339	227.619	ug/L	99
49) Dibromochloromethane	8.47	129	453860	111.624	ug/L	100
50) 1,2-Dibromoethane	8.58	107	439679	110.475	ug/L	98
51) Chlorobenzene	9.12	112	1093800	106.492	ug/L	99
52) Ethylbenzene	9.25	91	1829622	108.822	ug/L	99
53) m,p-Xylene	9.37	106	716676	110.656	ug/L	99
54) o-xylene	9.77	106	704737	109.971	ug/L	100
55) Styrene	9.79	104	1220767	115.823	ug/L	99
56) Isopropylbenzene	10.16	105	1831539	110.242	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	685432	107.529	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	513479	106.888	ug/L	99
61) Bromoform	9.95	173	365846	112.513	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	902065	106.114	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	917143	105.361	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	911868	105.158	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	154285	111.850	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	712953	109.835	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	662154	113.897	ug/L	99
69) Naphthalene	13.74	128	2226314	121.582	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	679144	110.854	ug/L	99

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

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