

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036450.D
 Acq On : 14 Jan 2020 16:59
 Operator : JC/MD
 Sample : VSTD01034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01034

Quant Time: Jan 15 00:04:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	493435	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	481509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	189420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	33038	8.87	ug/L	0.00
7) Chloroethane-d5	1.93	69	28159	8.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	63858	9.78	ug/L	0.00
21) 2-Butanone-d5	4.68	46	54456	19.08	ug/L	0.00
24) Chloroform-d	5.11	84	66337	9.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	45049	10.13	ug/L	0.00
32) Benzene-d6	5.77	84	129694	9.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	41145	9.22	ug/L	0.00
41) Toluene-d8	7.93	98	122598	9.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	22565	9.34	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	41063	17.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	59975	8.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	38992	9.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	51120	12.420 ug/L	97
3) Chloromethane	1.54	50	44283	11.851 ug/L	96
5) Vinyl chloride	1.62	62	44818	10.625 ug/L	96
6) Bromomethane	1.87	94	26704	12.543 ug/L	98
8) Chloroethane	1.95	64	26847	10.683 ug/L	90
9) Trichlorofluoromethane	2.16	101	60714	10.327 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	33211	11.260 ug/L	99
12) 1,1-Dichloroethene	2.61	96	32622	11.216 ug/L	94
13) Acetone	2.66	43	68659	22.831 ug/L	99
14) Carbon disulfide	2.82	76	100724	11.126 ug/L	97
15) Methyl Acetate	2.99	43	42470	10.475 ug/L	98
16) Methylene chloride	3.08	84	38780	10.915 ug/L	94
17) trans-1,2-Dichloroethene	3.39	96	33837	10.844 ug/L	97
18) Methyl tert-butyl Ether	3.41	73	119110	10.526 ug/L	99
19) 1,1-Dichloroethane	3.92	63	65575	10.485 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	39122	10.352 ug/L	98
22) 2-Butanone	4.76	43	67344	19.107 ug/L	100
23) Bromochloromethane	5.02	128	19609	10.879 ug/L	96
25) Chloroform	5.14	83	69514	10.464 ug/L	97
27) 1,2-Dichloroethane	5.84	62	55909	10.808 ug/L	99
29) Cyclohexane	5.43	56	63327	11.156 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	59589	10.009 ug/L	97
31) Carbon tetrachloride	5.57	117	51166	9.892 ug/L	99
33) Benzene	5.82	78	149403	10.448 ug/L	100
34) Trichloroethene	6.58	95	38435	10.352 ug/L	99
35) Methylcyclohexane	6.80	83	60897	10.339 ug/L	97
37) 1,2-Dichloropropane	6.83	63	39146	10.184 ug/L	# 98
38) Bromodichloromethane	7.14	83	51905	9.583 ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	58315	9.006 ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	122769	18.927 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	156730	9.954	ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	57129	9.513	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	36949	10.285	ug/L	93
46) Tetrachloroethene	8.58	164	26408	9.971	ug/L	96
48) 2-Hexanone	8.73	43	87686	17.590	ug/L	97
49) Dibromochloromethane	8.84	129	40398	9.244	ug/L	94
50) 1,2-Dibromoethane	8.96	107	40584	9.716	ug/L	98
51) Chlorobenzene	9.47	112	97979	9.891	ug/L	96
52) Ethylbenzene	9.60	91	177002	9.920	ug/L	99
53) m,p-Xylene	9.72	106	65296	9.872	ug/L	98
54) o-xylene	10.12	106	68609	10.319	ug/L	91
55) Styrene	10.14	104	103349	9.238	ug/L	96
56) Isopropylbenzene	10.51	105	168633	9.747	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	65028	9.604	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	52780	9.761	ug/L	99
61) Bromoform	10.32	173	27723	9.863	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	64390	10.423	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	63806	10.368	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	64420	10.416	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	13656	9.553	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	35793	8.879	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	23540	7.735	ug/L	97
69) Naphthalene	14.10	128	72089	6.996	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	27092	8.558	ug/L	95

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

