

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036880.D
 Acq On : 24 Feb 2020 13:15
 Operator : JC/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Feb 25 00:32:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 00:29:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279276	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	116448	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119717	61.70	ug/L	0.00
7) Chloroethane-d5	1.93	69	99317	59.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	201242	56.05	ug/L	0.00
21) 2-Butanone-d5	4.67	46	168828	106.59	ug/L	0.00
24) Chloroform-d	5.11	84	185325	51.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	123422	51.20	ug/L	0.00
32) Benzene-d6	5.76	84	396824	56.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	128966	56.01	ug/L	0.00
41) Toluene-d8	7.93	98	367863	55.17	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	59945	49.79	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	128433	110.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	180644	53.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	116196	50.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	118557	46.705	ug/L 100
3) Chloromethane	1.54	50	135629	56.905	ug/L 100
5) Vinyl chloride	1.62	62	141434	58.810	ug/L 100
6) Bromomethane	1.87	94	70080	50.032	ug/L 100
8) Chloroethane	1.95	64	84630	59.072	ug/L 100
9) Trichlorofluoromethane	2.16	101	149973	48.257	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	89461	53.313	ug/L 100
12) 1,1-Dichloroethene	2.60	96	90140	53.904	ug/L 100
13) Acetone	2.66	43	165411	97.891	ug/L 100
14) Carbon disulfide	2.82	76	284286	52.615	ug/L 100
15) Methyl Acetate	2.98	43	125956	55.081	ug/L 100
16) Methylene chloride	3.08	84	109430	53.236	ug/L 100
17) trans-1,2-Dichloroethene	3.39	96	96662	52.704	ug/L 100
18) Methyl tert-butyl Ether	3.40	73	319451	51.747	ug/L 100
19) 1,1-Dichloroethane	3.91	63	191116	55.045	ug/L 100
20) cis-1,2-Dichloroethene	4.71	96	108465	52.177	ug/L 100
22) 2-Butanone	4.75	43	204459	105.871	ug/L 100
23) Bromochloromethane	5.02	128	49642	49.789	ug/L 100
25) Chloroform	5.13	83	182134	50.092	ug/L 100
27) 1,2-Dichloroethane	5.83	62	151435	52.249	ug/L 100
29) Cyclohexane	5.43	56	179358	55.582	ug/L 100
30) 1,1,1-Trichloroethane	5.36	97	144597	47.351	ug/L 100
31) Carbon tetrachloride	5.56	117	111976	43.794	ug/L 100
33) Benzene	5.81	78	425379	55.312	ug/L 100
34) Trichloroethene	6.57	95	103549	50.920	ug/L 100
35) Methylcyclohexane	6.79	83	181271	56.298	ug/L 100
37) 1,2-Dichloropropane	6.82	63	111702	54.754	ug/L 100
38) Bromodichloromethane	7.14	83	134184	49.295	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	178617	54.588	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	341923	105.118	ug/L 100

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42) Toluene	8.00	91	455351	54.710	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	153639	51.493	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	100897	52.352	ug/L	100
46) Tetrachloroethene	8.57	164	68243	50.238	ug/L	100
48) 2-Hexanone	8.71	43	281284	108.548	ug/L	100
49) Dibromochloromethane	8.84	129	96590	46.697	ug/L	100
50) 1,2-Dibromoethane	8.95	107	105314	49.229	ug/L	100
51) Chlorobenzene	9.47	112	265593	51.473	ug/L	100
52) Ethylbenzene	9.59	91	488078	52.939	ug/L	100
53) m,p-Xylene	9.71	106	180042	52.310	ug/L	100
54) o-xylene	10.12	106	179057	52.130	ug/L	100
55) Styrene	10.13	104	296021	53.285	ug/L	100
56) Isopropylbenzene	10.50	105	460795	52.433	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	179395	53.636	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	144320	52.051	ug/L	100
61) Bromoform	10.31	173	66209	43.095	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	188168	51.072	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	184793	50.273	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	190807	52.417	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	39319	49.517	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	123939	54.879	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	97014	57.733	ug/L	100
69) Naphthalene	14.12	128	166705	32.709	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	96522	55.416	ug/L	100

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

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