

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036882.D
 Acq On : 24 Feb 2020 14:01
 Operator : JC/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20036

Quant Time: Feb 25 00:33:50 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	265218	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	121009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	483178	262.24	ug/L	0.00
7) Chloroethane-d5	1.92	69	391719	248.29	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.59	63	805173	236.16	ug/L	0.00
21) 2-Butanone-d5	4.67	46	649962	432.12	ug/L	0.00
24) Chloroform-d	5.10	84	749348	218.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	486256	212.40	ug/L	0.00
32) Benzene-d6	5.76	84	1573647	225.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	514570	226.87	ug/L	0.00
41) Toluene-d8	7.93	98	1469313	223.68	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	254585	214.68	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	537471	469.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	753990	224.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	498333	209.09	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	471587	195.628	ug/L	100
3) Chloromethane	1.54	50	526146	232.452	ug/L	99
5) Vinyl chloride	1.62	62	565629	247.662	ug/L	100
6) Bromomethane	1.85	94	300690	226.048	ug/L	98
8) Chloroethane	1.94	64	328189	241.217	ug/L	100
9) Trichlorofluoromethane	2.15	101	586659	198.777	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	353554	221.864	ug/L	100
12) 1,1-Dichloroethene	2.60	96	363561	228.933	ug/L	98
13) Acetone	2.66	43	552386	344.233	ug/L	100
14) Carbon disulfide	2.82	76	1159763	226.022	ug/L	100
15) Methyl Acetate	2.98	43	474964	218.712	ug/L	99
16) Methylene chloride	3.08	84	424273	217.345	ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	387665	222.573	ug/L	100
18) Methyl tert-butyl Ether	3.40	73	1270613	216.732	ug/L	99
19) 1,1-Dichloroethane	3.91	63	745929	226.228	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	440164	222.964	ug/L	99
22) 2-Butanone	4.75	43	738993	402.939	ug/L	99
23) Bromochloromethane	5.02	128	197441	208.520	ug/L	96
25) Chloroform	5.13	83	709288	205.413	ug/L	100
27) 1,2-Dichloroethane	5.83	62	583219	211.891	ug/L	100
29) Cyclohexane	5.42	56	714190	224.678	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	573187	190.547	ug/L	100
31) Carbon tetrachloride	5.56	117	459624	182.486	ug/L	99
33) Benzene	5.81	78	1657470	218.787	ug/L	100
34) Trichloroethene	6.57	95	414066	206.701	ug/L	99
35) Methylcyclohexane	6.79	83	726798	229.148	ug/L	99
37) 1,2-Dichloropropane	6.82	63	447380	222.620	ug/L	99
38) Bromodichloromethane	7.14	83	551231	205.574	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	735202	228.095	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	1385407	432.374	ug/L	100

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42) Toluene	8.00	91	1795812	219.035	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	649872	221.110	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	401485	211.476	ug/L	99
46) Tetrachloroethene	8.57	164	270290	201.992	ug/L	97
48) 2-Hexanone	8.71	43	1101029	431.330	ug/L	99
49) Dibromochloromethane	8.84	129	401415	197.008	ug/L	99
50) 1,2-Dibromoethane	8.95	107	432593	205.282	ug/L	99
51) Chlorobenzene	9.47	112	1077964	212.081	ug/L	99
52) Ethylbenzene	9.59	91	2004942	220.759	ug/L	99
53) m,p-Xylene	9.71	106	738141	217.712	ug/L	98
54) o-xylene	10.12	106	733833	216.885	ug/L	98
55) Styrene	10.13	104	1279385	233.787	ug/L	99
56) Isopropylbenzene	10.50	105	1912852	220.961	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	740787	224.840	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	588656	215.526	ug/L	99
61) Bromoform	10.31	173	292478	183.196	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	806576	210.668	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	806987	211.268	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	794257	209.968	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	166216	201.438	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	556675	237.198	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	478785	274.187	ug/L	99
69) Naphthalene	14.11	128	866438	163.596	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	470088	259.716	ug/L	98

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

