

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036580.D
 Acq On : 28 Jan 2020 18:23
 Operator : JC/MD
 Sample : VSTD20033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20033

Quant Time: Jan 29 04:17:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 29 04:13:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	287608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	276835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	142731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	428949	224.16	ug/L	0.00
7) Chloroethane-d5	1.92	69	354369	213.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	683715	193.00	ug/L	0.00
21) 2-Butanone-d5	4.67	46	512563	331.74	ug/L	0.00
24) Chloroform-d	5.11	84	700133	190.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	419876	174.10	ug/L	0.00
32) Benzene-d6	5.77	84	1503892	205.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	468526	198.76	ug/L	0.00
41) Toluene-d8	7.93	98	1467894	211.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	238605	191.38	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	473580	398.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	709966	201.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	572497	202.24	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.40	85	411765	161.469	ug/L	100
3) Chloromethane	1.54	50	433288	183.331	ug/L	99
5) Vinyl chloride	1.62	62	476723	199.663	ug/L	99
6) Bromomethane	1.86	94	285295	198.064	ug/L	98
8) Chloroethane	1.94	64	273375	191.981	ug/L	99
9) Trichlorofluoromethane	2.16	101	548662	173.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	334230	194.122	ug/L	100
12) 1,1-Dichloroethene	2.60	96	344472	202.201	ug/L	94
13) Acetone	2.66	43	416482	253.235	ug/L	99
14) Carbon disulfide	2.82	76	1041868	191.237	ug/L	100
15) Methyl Acetate	2.98	43	362360	161.397	ug/L	99
16) Methylene chloride	3.08	84	395329	188.302	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	368966	196.839	ug/L	97
18) Methyl tert-butyl Ether	3.41	73	1141309	181.181	ug/L	99
19) 1,1-Dichloroethane	3.92	63	642933	184.742	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	417448	194.993	ug/L	99
22) 2-Butanone	4.76	43	556221	295.733	ug/L	100
23) Bromochloromethane	5.02	128	215531	205.061	ug/L	98
25) Chloroform	5.13	83	646744	174.951	ug/L	98
27) 1,2-Dichloroethane	5.84	62	477319	164.711	ug/L	99
29) Cyclohexane	5.43	56	581353	178.677	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	543619	170.976	ug/L	100
31) Carbon tetrachloride	5.57	117	474590	174.731	ug/L	99
33) Benzene	5.82	78	1522124	191.372	ug/L	100
34) Trichloroethene	6.58	95	396744	187.220	ug/L	99
35) Methylcyclohexane	6.80	83	654522	197.226	ug/L	99
37) 1,2-Dichloropropane	6.83	63	386079	183.349	ug/L	100
38) Bromodichloromethane	7.14	83	503265	177.235	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	664838	196.259	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	1021773	313.768	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	1686315	195.047	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	586995	189.275	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	387138	190.960	ug/L	99
46) Tetrachloroethene	8.58	164	323259	217.860	ug/L	98
48) 2-Hexanone	8.72	43	787278	305.790	ug/L	95
49) Dibromochloromethane	8.84	129	434392	194.944	ug/L	100
50) 1,2-Dibromoethane	8.95	107	429164	188.551	ug/L	99
51) Chlorobenzene	9.48	112	1111996	203.221	ug/L	100
52) Ethylbenzene	9.60	91	1869426	194.704	ug/L	100
53) m,p-Xylene	9.72	106	739587	204.081	ug/L	99
54) o-xylene	10.13	106	727524	200.541	ug/L	100
55) Styrene	10.14	104	1236310	210.574	ug/L	99
56) Isopropylbenzene	10.51	105	1865723	201.792	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	686305	195.718	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	529927	183.901	ug/L	99
61) Bromoform	10.32	173	348902	180.300	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	892229	196.248	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	881205	194.199	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	869776	193.523	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	151567	160.614	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	640531	225.869	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	548770	261.804	ug/L	98
69) Naphthalene	14.11	128	1751534	254.078	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	533496	244.627	ug/L	100

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

