

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090119\
 Data File : VU034118.D
 Acq On : 31 Aug 2019 12:40
 Operator : JC/SP
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Quant Time: Aug 31 14:52:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 14:48:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	349346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	333374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	183076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	241573	8.22	ug/L	0.00
7) Chloroethane-d5	1.67	69	195689	8.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	453962	7.99	ug/L	0.00
20) 2-Butanone-d5	4.17	46	577233	82.49	ug/L	0.00
24) Chloroform-d	4.62	84	431829	8.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	204205	7.62	ug/L	0.00
32) Benzene-d6	5.32	84	905504	9.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	282082	9.63	ug/L	0.00
41) Toluene-d8	7.55	98	844101	10.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	104169	9.52	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	462341	103.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	205534	8.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	317422	9.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	342590	8.600 ug/L	99
3) Chloromethane	1.32	50	328798	8.390 ug/L	100
5) Vinyl chloride	1.40	62	348245	8.434 ug/L	99
6) Bromomethane	1.62	94	161875	8.583 ug/L	98
8) Chloroethane	1.69	64	197013	7.728 ug/L	99
9) Trichlorofluoromethane	1.88	101	393572	8.436 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	224652	8.433 ug/L	98
12) 1,1-Dichloroethene	2.27	96	220773	8.495 ug/L	93
13) Acetone	2.32	43	361328	67.125 ug/L	99
14) Carbon disulfide	2.46	76	746592	8.180 ug/L	100
15) Methyl Acetate	2.60	43	100197	6.771 ug/L	100
16) Methylene chloride	2.68	84	237501	7.799 ug/L	99
17) Methyl tert-butyl Ether	2.99	73	555018	8.267 ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	236383	8.429 ug/L	96
19) 1,1-Dichloroethane	3.42	63	475551	8.666 ug/L	98
21) 2-Butanone	4.25	43	650687	83.209 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	273681	9.313 ug/L	98
23) Bromochloromethane	4.52	128	116382	8.827 ug/L	99
25) Chloroform	4.65	83	456585	8.044 ug/L	97
27) 1,2-Dichloroethane	5.38	62	268758	8.084 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	380519	9.443 ug/L	99
30) Cyclohexane	4.97	56	458550	10.910 ug/L	99
31) Carbon tetrachloride	5.11	117	334604	9.355 ug/L	99
33) Benzene	5.37	78	1048144	10.060 ug/L	100
34) Trichloroethene	6.16	95	270638	9.959 ug/L	99
35) Methylcyclohexane	6.39	83	457636	10.952 ug/L	99
37) 1,2-Dichloropropane	6.41	63	265927	9.372 ug/L	100
38) Bromodichloromethane	6.74	83	309986	8.995 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	383287	10.244 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	1532160	91.488 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	1123352	10.655	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	292354	9.722	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	171701	9.052	ug/L	98
47) Tetrachloroethene	8.21	164	221604	10.344	ug/L	95
48) 2-Hexanone	8.35	43	1069793	91.481	ug/L	98
49) Dibromochloromethane	8.46	129	207234	9.260	ug/L	98
50) 1,2-Dibromoethane	8.57	107	162247	9.011	ug/L	99
51) Chlorobenzene	9.10	112	698431	10.081	ug/L	98
52) Ethylbenzene	9.23	91	1219384	10.943	ug/L	98
53) m,p-Xylene	9.36	106	469716	11.244	ug/L	97
54) o-Xylene	9.76	106	454029	11.471	ug/L	96
55) Styrene	9.77	104	777636	11.511	ug/L	99
56) Isopropylbenzene	10.15	105	1205247	11.454	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	217213	8.740	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	154934	8.742	ug/L	99
61) Bromoform	9.94	173	116484	8.630	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	586466	10.214	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	579422	9.750	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	533035	9.700	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	33675	8.216	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	473317	10.501	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	388037	11.481	ug/L	98
69) Naphthalene	13.73	128	622300	11.909	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	351137	10.890	ug/L	100

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

