

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090119\
 Data File : VU034119.D
 Acq On : 31 Aug 2019 13:05
 Operator : JC/SP
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Aug 31 14:52:30 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	356043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	340873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	189402	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	496908	16.59	ug/L	0.00
7) Chloroethane-d5	1.67	69	401028	16.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	928595	16.04	ug/L	0.00
20) 2-Butanone-d5	4.16	46	1190218	166.89	ug/L	-0.01
24) Chloroform-d	4.62	84	880587	17.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	415727	15.23	ug/L	0.00
32) Benzene-d6	5.31	84	1889021	19.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	587406	19.61	ug/L	0.00
41) Toluene-d8	7.55	98	1767234	21.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	219853	19.66	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	982777	214.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	431640	17.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	667776	19.23	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	694597	17.108	ug/L 100
3) Chloromethane	1.32	50	676441	16.936	ug/L 99
5) Vinyl chloride	1.40	62	709696	16.865	ug/L 100
6) Bromomethane	1.61	94	353214	18.376	ug/L 100
8) Chloroethane	1.68	64	395158	15.209	ug/L 100
9) Trichlorofluoromethane	1.87	101	790608	16.628	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	455726	16.785	ug/L 99
12) 1,1-Dichloroethene	2.27	96	456167	17.223	ug/L 96
13) Acetone	2.31	43	715921	130.498	ug/L 100
14) Carbon disulfide	2.46	76	1521596	16.359	ug/L 99
15) Methyl Acetate	2.60	43	205115	13.599	ug/L 98
16) Methylene chloride	2.68	84	480596	15.485	ug/L 98
17) Methyl tert-butyl Ether	2.98	73	1110511	16.229	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	483677	16.923	ug/L 98
19) 1,1-Dichloroethane	3.42	63	962841	17.215	ug/L 99
21) 2-Butanone	4.25	43	1312940	164.738	ug/L 99
22) cis-1,2-Dichloroethene	4.20	96	560659	18.720	ug/L 99
23) Bromochloromethane	4.52	128	231838	17.252	ug/L 98
25) Chloroform	4.65	83	925496	15.999	ug/L 97
27) 1,2-Dichloroethane	5.38	62	537547	15.864	ug/L 99
29) 1,1,1-Trichloroethane	4.89	97	773402	18.771	ug/L 99
30) Cyclohexane	4.97	56	940514	21.885	ug/L 100
31) Carbon tetrachloride	5.11	117	693409	18.961	ug/L 100
33) Benzene	5.36	78	2107557	19.782	ug/L 100
34) Trichloroethene	6.16	95	550130	19.799	ug/L 99
35) Methylcyclohexane	6.39	83	953478	22.317	ug/L 99
37) 1,2-Dichloropropane	6.41	63	545916	18.816	ug/L 99
38) Bromodichloromethane	6.74	83	632317	17.944	ug/L 98
39) cis-1,3-Dichloropropene	7.25	75	812870	21.247	ug/L 96
40) 4-Methyl-2-pentanone	7.45	43	3123402	182.401	ug/L 99

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42) Toluene	7.62	91	2294130	21.282	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	604998	19.676	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	348232	17.954	ug/L	98
47) Tetrachloroethene	8.21	164	457831	20.901	ug/L	97
48) 2-Hexanone	8.35	43	2221070	185.752	ug/L	98
49) Dibromochloromethane	8.46	129	425170	18.580	ug/L	99
50) 1,2-Dibromoethane	8.57	107	331662	18.015	ug/L	100
51) Chlorobenzene	9.10	112	1450401	20.475	ug/L	99
52) Ethylbenzene	9.23	91	2558024	22.452	ug/L	99
53) m,p-Xylene	9.36	106	997817	23.360	ug/L	97
54) o-Xylene	9.76	106	952473	23.534	ug/L	98
55) Styrene	9.77	104	1630542	23.605	ug/L	99
56) Isopropylbenzene	10.15	105	2549766	23.698	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	446925	17.588	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	314295	17.343	ug/L	100
61) Bromoform	9.94	173	246544	17.657	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	1220563	20.548	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	1208817	19.662	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	1094766	19.258	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	68200	16.083	ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	986312	21.151	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	827351	23.662	ug/L	98
69) Naphthalene	13.73	128	1303446	24.112	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	725460	21.748	ug/L	100

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

