

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036153.D
 Acq On : 12 Dec 2019 16:20
 Operator : JC/MD
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01003

Quant Time: Dec 13 01:25:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 01:21:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	308596	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	317012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	168031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	301514	10.48	ug/L	0.00
7) Chloroethane-d5	1.93	69	262489	9.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	403670	8.15	ug/L	0.00
20) 2-Butanone-d5	4.69	46	541985	111.31	ug/L	0.00
24) Chloroform-d	5.11	84	448105	9.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	227856	9.71	ug/L	0.00
32) Benzene-d6	5.77	84	899690	10.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	273060	10.81	ug/L	0.00
41) Toluene-d8	7.93	98	864873	11.17	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	117553	11.14	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	487736	128.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	241052	10.24	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	324986	9.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	321791	10.220 ug/L	99
3) Chloromethane	1.54	50	364493	11.212 ug/L	98
5) Vinyl chloride	1.62	62	392001	11.634 ug/L	99
6) Bromomethane	1.87	94	237545	9.394 ug/L	97
8) Chloroethane	1.95	64	234925	9.599 ug/L	100
9) Trichlorofluoromethane	2.16	101	479868	8.863 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	237569	8.009 ug/L	99
12) 1,1-Dichloroethene	2.61	96	216119	8.148 ug/L	98
13) Acetone	2.68	43	379629	64.706 ug/L	98
14) Carbon disulfide	2.82	76	731853	9.342 ug/L	99
15) Methyl Acetate	2.99	43	87969	9.662 ug/L	99
16) Methylene chloride	3.08	84	253400	7.927 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	494603	10.382 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	228984	9.715 ug/L	99
19) 1,1-Dichloroethane	3.92	63	426089	10.006 ug/L	99
21) 2-Butanone	4.77	43	589918	95.970 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	250737	10.194 ug/L	97
23) Bromochloromethane	5.02	128	118355	9.343 ug/L	96
25) Chloroform	5.13	83	448037	9.554 ug/L	97
27) 1,2-Dichloroethane	5.84	62	272833	9.822 ug/L	# 95
29) 1,1,1-Trichloroethane	5.36	97	384745	10.274 ug/L	99
30) Cyclohexane	5.43	56	368502	12.310 ug/L	99
31) Carbon tetrachloride	5.57	117	346031	10.208 ug/L	99
33) Benzene	5.82	78	1007372	10.973 ug/L	100
34) Trichloroethene	6.58	95	249607	10.299 ug/L	97
35) Methylcyclohexane	6.80	83	386736	11.762 ug/L	99
37) 1,2-Dichloropropane	6.83	63	250739	10.829 ug/L	99
38) Bromodichloromethane	7.14	83	313175	10.172 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	351306	11.231 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	1388398	114.787 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	1086414	11.045	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	293858	10.866	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	183614	10.181	ug/L	97
47) Tetrachloroethene	8.58	164	219645	9.671	ug/L	98
48) 2-Hexanone	8.73	43	1049776	124.210	ug/L	99
49) Dibromochloromethane	8.84	129	230615	9.997	ug/L	98
50) 1,2-Dibromoethane	8.96	107	174787	10.246	ug/L	99
51) Chlorobenzene	9.48	112	671764	10.095	ug/L	99
52) Ethylbenzene	9.60	91	1103686	11.097	ug/L	99
53) m,p-Xylene	9.72	106	444580	11.157	ug/L	96
54) o-Xylene	10.13	106	418600	10.993	ug/L	99
55) Styrene	10.14	104	741255	11.296	ug/L	97
56) Isopropylbenzene	10.51	105	1085432	10.795	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	231401	9.685	ug/L	95
59) 1,2,3-Trichloropropane	10.85	75	173666	10.534	ug/L	97
61) Bromoform	10.32	173	139621	8.214	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	550619	9.750	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	547453	9.912	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	525123	9.439	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	32127	9.297	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	373219	10.094	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	225088	11.512	ug/L	99
69) Naphthalene	14.11	128	230393	11.978	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	213829	11.178	ug/L	97

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

