

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112119\
 Data File : VU035797.D
 Acq On : 21 Nov 2019 11:30
 Operator : JC/SP
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02001

Quant Time: Nov 21 17:10:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 17:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269179	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	300813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	184688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	700114	23.93	ug/L	0.00
7) Chloroethane-d5	1.93	69	588249	24.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	1274483	25.27	ug/L	0.00
20) 2-Butanone-d5	4.69	46	1794639	275.37	ug/L	0.00
24) Chloroform-d	5.11	84	1199349	25.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	648550	25.80	ug/L	0.00
32) Benzene-d6	5.77	84	2381892	24.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	796658	24.57	ug/L	0.00
41) Toluene-d8	7.93	98	2267522	24.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	322802	25.16	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	1578083	313.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	670226	24.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	776506	20.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	718726	23.665	ug/L 98
3) Chloromethane	1.54	50	849702	23.744	ug/L 100
5) Vinyl chloride	1.62	62	878463	24.126	ug/L 97
6) Bromomethane	1.86	94	446610	22.044	ug/L 100
8) Chloroethane	1.95	64	504795	24.089	ug/L 100
9) Trichlorofluoromethane	2.16	101	997509	22.648	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	555369	21.587	ug/L 98
12) 1,1-Dichloroethene	2.60	96	533809	21.715	ug/L 91
13) Acetone	2.66	43	1247913	254.321	ug/L 99
14) Carbon disulfide	2.82	76	1762462	22.043	ug/L 99
15) Methyl Acetate	2.99	43	281679	25.380	ug/L 99
16) Methylene chloride	3.08	84	608986	20.886	ug/L 98
17) Methyl tert-butyl Ether	3.42	73	1428432	24.596	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	540635	21.548	ug/L 97
19) 1,1-Dichloroethane	3.92	63	1177425	24.193	ug/L 99
21) 2-Butanone	4.77	43	1919709	272.828	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	636561	22.962	ug/L 95
23) Bromochloromethane	5.02	128	263972	20.319	ug/L 97
25) Chloroform	5.14	83	1162434	22.260	ug/L 99
27) 1,2-Dichloroethane	5.84	62	766366	25.690	ug/L 98
29) 1,1,1-Trichloroethane	5.36	97	954402	23.134	ug/L 98
30) Cyclohexane	5.43	56	1070794	25.952	ug/L 99
31) Carbon tetrachloride	5.57	117	819855	22.267	ug/L 100
33) Benzene	5.82	78	2525163	22.846	ug/L 100
34) Trichloroethene	6.58	95	620836	22.262	ug/L 98
35) Methylcyclohexane	6.80	83	1033775	24.720	ug/L 96
37) 1,2-Dichloropropane	6.83	63	704803	23.887	ug/L 100
38) Bromodichloromethane	7.14	83	841648	23.627	ug/L 98
39) cis-1,3-Dichloropropene	7.65	75	1023948	24.779	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	4803640	278.760	ug/L 99

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42) Toluene	8.00	91	2760669	23.842	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	849208	25.545	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	456012	22.055	ug/L	98
47) Tetrachloroethene	8.58	164	458676	19.537	ug/L	98
48) 2-Hexanone	8.73	43	3497870	282.408	ug/L	94
49) Dibromochloromethane	8.84	129	551289	21.817	ug/L	97
50) 1,2-Dibromoethane	8.96	107	430289	22.064	ug/L	96
51) Chlorobenzene	9.48	112	1656212	22.312	ug/L	98
52) Ethylbenzene	9.60	91	3074755	25.483	ug/L	99
53) m,p-Xylene	9.72	106	1114838	24.689	ug/L	100
54) o-Xylene	10.13	106	1085201	24.932	ug/L	96
55) Styrene	10.14	104	1894158	26.084	ug/L	100
56) Isopropylbenzene	10.51	105	2934640	25.422	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	643637	23.658	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	465189	23.973	ug/L	99
61) Bromoform	10.32	173	317499	18.815	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	1285227	20.448	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	1262057	20.826	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	1201196	20.439	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	92387	23.643	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	870727	21.802	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	567753	23.655	ug/L	98
69) Naphthalene	14.11	128	916174	30.687	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	527811	22.776	ug/L	99

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

