

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041577.D
 Acq On : 12 Dec 2020 19:01
 Operator : SY/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Dec 13 09:49:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 09:47:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	163698	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	151651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	92738	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	263513	20.22	ug/L	0.00
7) Chloroethane-d5	1.92	69	202295	20.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	489135	20.60	ug/L	0.00
20) 2-Butanone-d5	4.66	46	805809	213.97	ug/L	0.00
24) Chloroform-d	5.08	84	449396	20.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	249160	20.29	ug/L	0.00
32) Benzene-d6	5.74	84	917461	21.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	281161	20.55	ug/L	0.00
41) Toluene-d8	7.91	98	839056	20.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	133565	21.35	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	790153	228.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	271643	22.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	331028	20.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	283127	19.672	ug/L 99
3) Chloromethane	1.53	50	270869	19.012	ug/L 97
5) Vinyl chloride	1.61	62	295069	19.364	ug/L 99
6) Bromomethane	1.87	94	185262	19.286	ug/L 100
8) Chloroethane	1.94	64	174323	17.000	ug/L 96
9) Trichlorofluoromethane	2.15	101	394062	19.536	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	230184	19.674	ug/L 99
12) 1,1-Dichloroethene	2.59	96	228634	19.927	ug/L 91
13) Acetone	2.66	43	471432	195.809	ug/L 98
14) Carbon disulfide	2.81	76	787491	19.637	ug/L 99
15) Methyl Acetate	2.97	43	122744	19.026	ug/L 96
16) Methylene chloride	3.06	84	250946	19.123	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	633361	20.264	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	241243	19.708	ug/L 98
19) 1,1-Dichloroethane	3.89	63	423828	19.045	ug/L 97
21) 2-Butanone	4.74	43	867589	213.078	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	260043	19.633	ug/L 100
23) Bromochloromethane	4.99	128	117276	18.968	ug/L 94
25) Chloroform	5.11	83	435113	18.962	ug/L 99
27) 1,2-Dichloroethane	5.81	62	291558	18.899	ug/L 99
29) 1,1,1-Trichloroethane	5.33	97	369668	20.096	ug/L 99
30) Cyclohexane	5.40	56	436464	20.923	ug/L 99
31) Carbon tetrachloride	5.54	117	321276	19.992	ug/L 99
33) Benzene	5.79	78	1009994	19.589	ug/L 100
34) Trichloroethene	6.56	95	262384	20.201	ug/L 96
35) Methylcyclohexane	6.77	83	447971	21.498	ug/L 98
37) 1,2-Dichloropropane	6.80	63	254153	19.865	ug/L 100
38) Bromodichloromethane	7.11	83	322336	19.837	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	407214	20.561	ug/L 99
40) 4-Methyl-2-pentanone	7.80	43	1992969	206.886	ug/L 99

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42) Toluene	7.98	91	1061900	19.517	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	369518	20.802	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	196780	19.238	ug/L	97
47) Tetrachloroethene	8.56	164	180714	19.889	ug/L	98
48) 2-Hexanone	8.69	43	1481512	209.873	ug/L	99
49) Dibromochloromethane	8.82	129	226090	20.174	ug/L	100
50) 1,2-Dibromoethane	8.93	107	190049	19.541	ug/L	100
51) Chlorobenzene	9.45	112	659675	19.843	ug/L	99
52) Ethylbenzene	9.57	91	1170918	20.056	ug/L	99
53) m,p-Xylene	9.69	106	444009	19.527	ug/L	98
54) o-Xylene	10.10	106	439111	20.417	ug/L	99
55) Styrene	10.11	104	772357	20.611	ug/L	100
56) Isopropylbenzene	10.48	105	1180466	20.985	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	279941	20.961	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	196584	20.032	ug/L	99
61) Bromoform	10.29	173	147145	19.250	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	571254	19.060	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	578635	18.947	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	558922	19.381	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	49522	17.609	ug/L #	81
67) 1,3,5-Trichlorobenzene	13.21	180	448154	19.535	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	364558	17.242	ug/L	99
69) Naphthalene	14.07	128	811591	19.368	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	327930	16.634	ug/L	100

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

