

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040351.D
 Acq On : 29 Sep 2020 10:54
 Operator : SY/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Sep 30 01:14:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:04:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	141227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	74865	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	140928	18.81	ug/L	0.00
7) Chloroethane-d5	1.92	69	113821	18.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	347118	18.32	ug/L	0.00
20) 2-Butanone-d5	4.65	46	739007	237.48	ug/L	0.00
24) Chloroform-d	5.08	84	343012	19.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	196042	18.13	ug/L	0.00
32) Benzene-d6	5.74	84	585486	19.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	208470	20.18	ug/L	0.00
41) Toluene-d8	7.91	98	515120	18.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	90315	19.45	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	586944	257.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	204069	22.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	234243	19.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	286454	20.620 ug/L	99
3) Chloromethane	1.53	50	268886	20.037 ug/L	99
5) Vinyl chloride	1.61	62	276084	20.415 ug/L	99
6) Bromomethane	1.87	94	138248	20.186 ug/L	98
8) Chloroethane	1.94	64	148268	18.247 ug/L	96
9) Trichlorofluoromethane	2.14	101	378855	19.842 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	237878	19.159 ug/L	98
12) 1,1-Dichloroethene	2.59	96	220036	20.417 ug/L	95
13) Acetone	2.66	43	560029	202.008 ug/L	98
14) Carbon disulfide	2.81	76	682230	19.713 ug/L	100
15) Methyl Acetate	2.97	43	135060	18.999 ug/L	97
16) Methylene chloride	3.06	84	243948	17.268 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	638627	20.010 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	228417	19.667 ug/L	97
19) 1,1-Dichloroethane	3.89	63	456949	19.221 ug/L	99
21) 2-Butanone	4.73	43	971368	211.952 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	253968	20.241 ug/L	98
23) Bromochloromethane	4.99	128	113976	20.743 ug/L	99
25) Chloroform	5.11	83	462236	18.983 ug/L	99
27) 1,2-Dichloroethane	5.81	62	327773	18.684 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	395871	19.061 ug/L	99
30) Cyclohexane	5.40	56	442062	21.728 ug/L	99
31) Carbon tetrachloride	5.54	117	344189	19.272 ug/L	100
33) Benzene	5.79	78	978017	20.329 ug/L	100
34) Trichloroethene	6.55	95	254171	19.845 ug/L	96
35) Methylcyclohexane	6.77	83	417540	21.333 ug/L	97
37) 1,2-Dichloropropane	6.80	63	267302	20.655 ug/L	100
38) Bromodichloromethane	7.11	83	337177	19.174 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	399320	21.235 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	2269499	214.198 ug/L	99

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42) Toluene	7.98	91	1022971	20.679	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	365442	20.916	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	187946	20.019	ug/L	98
47) Tetrachloroethene	8.56	164	181758	21.272	ug/L	98
48) 2-Hexanone	8.69	43	1664470	216.145	ug/L	100
49) Dibromochloromethane	8.82	129	226069	20.051	ug/L	100
50) 1,2-Dibromoethane	8.93	107	183604	20.154	ug/L #	93
51) Chlorobenzene	9.45	112	644112	20.797	ug/L	99
52) Ethylbenzene	9.57	91	1166781	20.961	ug/L	99
53) m,p-Xylene	9.69	106	435242	21.770	ug/L	100
54) o-Xylene	10.10	106	418182	22.000	ug/L	97
55) Styrene	10.11	104	732597	22.060	ug/L	98
56) Isopropylbenzene	10.48	105	1134955	21.963	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	251262	20.482	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	191221	19.982	ug/L	100
61) Bromoform	10.29	173	131027	19.611	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	534996	19.887	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	539149	19.868	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	508660	19.581	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	46610	17.570	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	393963	20.916	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	348856	21.836	ug/L	99
69) Naphthalene	14.08	128	693501	21.693	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	317990	21.603	ug/L	99

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

