

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039901.D
 Acq On : 19 Aug 2020 11:07
 Operator : SY/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Aug 20 07:42:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 07:38:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	81280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78527	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	130375	26.83	ug/L	0.00
7) Chloroethane-d5	1.92	69	115105	22.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	261457	26.58	ug/L	0.00
20) 2-Butanone-d5	4.66	46	451624	226.42	ug/L	-0.01
24) Chloroform-d	5.08	84	246654	21.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	136279	20.53	ug/L	0.00
32) Benzene-d6	5.74	84	460268	23.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	149279	22.71	ug/L	0.00
41) Toluene-d8	7.91	98	411774	23.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	66010	25.84	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	354522	255.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	136009	21.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	171619	22.24	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	158345	22.361	ug/L	100
3) Chloromethane	1.53	50	177748	23.745	ug/L	99
5) Vinyl chloride	1.61	62	175258	24.070	ug/L	97
6) Bromomethane	1.87	94	102938	23.355	ug/L	99
8) Chloroethane	1.94	64	107714	21.265	ug/L	96
9) Trichlorofluoromethane	2.15	101	283168	25.688	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	145012	23.453	ug/L	96
12) 1,1-Dichloroethene	2.59	96	134560	24.880	ug/L	94
13) Acetone	2.66	43	296324	238.541	ug/L	# 40
14) Carbon disulfide	2.81	76	451866	26.438	ug/L	100
15) Methyl Acetate	2.97	43	73974	24.090	ug/L	92
16) Methylene chloride	3.06	84	153220	18.341	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	373809	26.461	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	143631	24.272	ug/L	94
19) 1,1-Dichloroethane	3.89	63	270602	24.730	ug/L	98
21) 2-Butanone	4.74	43	518863	261.948	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	156155	24.762	ug/L	99
23) Bromochloromethane	4.99	128	71836	24.222	ug/L	96
25) Chloroform	5.11	83	266082	23.201	ug/L	100
27) 1,2-Dichloroethane	5.81	62	184857	23.248	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	236641	25.286	ug/L	100
30) Cyclohexane	5.40	56	250818	27.363	ug/L	100
31) Carbon tetrachloride	5.54	117	213775	25.110	ug/L	99
33) Benzene	5.79	78	568056	24.732	ug/L	100
34) Trichloroethene	6.56	95	148767	25.034	ug/L	95
35) Methylcyclohexane	6.77	83	250864	26.643	ug/L	98
37) 1,2-Dichloropropane	6.80	63	153314	25.088	ug/L	98
38) Bromodichloromethane	7.11	83	199805	25.105	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	225109	26.743	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	1235921	268.378	ug/L	100

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42) Toluene	7.98	91	591838	24.521	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	211987	28.312	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	110076	24.107	ug/L	96
47) Tetrachloroethene	8.56	164	114838	23.791	ug/L	96
48) 2-Hexanone	8.69	43	903193	272.150	ug/L	99
49) Dibromochloromethane	8.82	129	143757	25.742	ug/L	97
50) 1,2-Dibromoethane	8.93	107	108270	24.337	ug/L #	98
51) Chlorobenzene	9.45	112	382531	23.864	ug/L	97
52) Ethylbenzene	9.57	91	681213	25.487	ug/L	98
53) m,p-Xylene	9.69	106	262671	25.793	ug/L	98
54) o-Xylene	10.10	106	253557	25.582	ug/L	93
55) Styrene	10.11	104	445840	26.456	ug/L	94
56) Isopropylbenzene	10.48	105	687433	25.905	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	148762	23.903	ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	109819	25.161	ug/L	96
61) Bromoform	10.29	173	85117	26.652	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	326317	23.769	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	331499	23.097	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	317168	23.627	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	28950	27.883	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	254068	24.654	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	231640	26.784	ug/L	100
69) Naphthalene	14.08	128	446106	28.567	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	208923	26.968	ug/L	99

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

