

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011121\
 Data File : VU041917.D
 Acq On : 11 Jan 2021 13:18
 Operator : SY/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Jan 12 01:17:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 12 01:13:33 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129266	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	222658	20.42	ug/L	0.00
7) Chloroethane-d5	1.92	69	201222	19.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	425285	20.59	ug/L	0.00
20) 2-Butanone-d5	4.66	46	596541	197.02	ug/L	0.00
24) Chloroform-d	5.08	84	398142	20.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	203246	19.41	ug/L	0.00
32) Benzene-d6	5.74	84	758935	21.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	234413	21.19	ug/L	0.00
41) Toluene-d8	7.91	98	693938	21.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	104377	22.60	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	565080	241.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	208754	21.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	259002	21.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	251921	20.148	ug/L	100
3) Chloromethane	1.52	50	255269	18.765	ug/L	93
5) Vinyl chloride	1.61	62	305057	20.659	ug/L	98
6) Bromomethane	1.86	94	181262	20.299	ug/L	98
8) Chloroethane	1.94	64	178992	19.845	ug/L	99
9) Trichlorofluoromethane	2.14	101	394770	20.719	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	211501	20.400	ug/L	98
12) 1,1-Dichloroethene	2.59	96	204309	20.245	ug/L	97
13) Acetone	2.66	43	399680	209.802	ug/L	# 43
14) Carbon disulfide	2.80	76	667161	21.187	ug/L	100
15) Methyl Acetate	2.97	43	98392	22.022	ug/L	99
16) Methylene chloride	3.06	84	225117	17.748	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	549335	22.698	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	212580	21.696	ug/L	99
19) 1,1-Dichloroethane	3.89	63	383935	20.879	ug/L	98
21) 2-Butanone	4.73	43	606296	198.692	ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	217799	20.816	ug/L	100
23) Bromochloromethane	4.99	128	97707	20.010	ug/L	87
25) Chloroform	5.11	83	374125	19.519	ug/L	99
27) 1,2-Dichloroethane	5.81	62	242407	19.732	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	324401	20.855	ug/L	99
30) Cyclohexane	5.40	56	338829	23.250	ug/L	99
31) Carbon tetrachloride	5.54	117	288817	21.484	ug/L	98
33) Benzene	5.79	78	830444	21.615	ug/L	100
34) Trichloroethene	6.55	95	213687	21.191	ug/L	97
35) Methylcyclohexane	6.77	83	357181	24.097	ug/L	97
37) 1,2-Dichloropropane	6.80	63	208424	21.757	ug/L	100
38) Bromodichloromethane	7.11	83	272786	21.279	ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	320476	22.656	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	1376663	226.350	ug/L	100

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42) Toluene	7.98	91	896250	22.580	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	292139	23.346	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	157670	21.467	ug/L	97
47) Tetrachloroethene	8.56	164	155701	22.189	ug/L	99
48) 2-Hexanone	8.69	43	1020641	227.652	ug/L	99
49) Dibromochloromethane	8.82	129	192679	21.556	ug/L	99
50) 1,2-Dibromoethane	8.93	107	151464	21.875	ug/L	98
51) Chlorobenzene	9.45	112	550281	22.024	ug/L	99
52) Ethylbenzene	9.57	91	981073	23.466	ug/L	100
53) m,p-Xylene	9.69	106	370480	23.937	ug/L	98
54) o-Xylene	10.10	106	354988	23.733	ug/L	91
55) Styrene	10.11	104	632276	24.317	ug/L	99
56) Isopropylbenzene	10.48	105	961820	23.947	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	206772	21.542	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	147655	21.103	ug/L	97
61) Bromoform	10.29	173	113101	20.512	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	441369	21.372	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	440197	21.237	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	422920	21.274	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	38422	21.282	ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	330575	21.924	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	283091	24.910	ug/L	97
69) Naphthalene	14.07	128	554660	28.781	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	260350	24.231	ug/L	98

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

