

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046020.D
 Acq On : 29 Nov 2021 13:32
 Operator : SY/MD
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100034

Quant Time: Nov 30 01:55:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 01:52:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190742	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	191086	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	104703	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	158903	102.601	ug/L	0.00
7) Chloroethane-d5	1.919	69	120562	97.225	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	281613	102.342	ug/L	0.00
21) 2-Butanone-d5	4.645	46	255256	199.247	ug/L	0.00
24) Chloroform-d	5.067	84	268703	98.003	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	173157	95.423	ug/L	0.00
32) Benzene-d6	5.732	84	553955	95.250	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	169789	91.402	ug/L	0.00
41) Toluene-d8	7.903	98	509632	99.481	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	87192	99.447	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	183390	188.996	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	262944	94.669	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	199469	95.878	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	204779	116.382	ug/L	99
3) Chloromethane	1.523	50	178883	89.593	ug/L	99
5) Vinyl chloride	1.607	62	185968	98.240	ug/L	100
6) Bromomethane	1.861	94	108456	108.975	ug/L	96
8) Chloroethane	1.938	64	106579	93.973	ug/L	100
9) Trichlorofluoromethane	2.144	101	244770	106.656	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	138201	99.988	ug/L	99
12) 1,1-Dichloroethene	2.584	96	131693	101.304	ug/L	97
13) Acetone	2.665	43	283775	243.019	ug/L	96
14) Carbon disulfide	2.800	76	401727	106.226	ug/L	100
15) Methyl Acetate	2.961	43	173855	97.229	ug/L	98
16) Methylene chloride	3.051	84	146299	92.167	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	139491	100.090	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	447028	93.986	ug/L	100
19) 1,1-Dichloroethane	3.874	63	250262	92.128	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	152796	97.249	ug/L	100
22) 2-Butanone	4.726	43	324140	215.117	ug/L	98
23) Bromochloromethane	4.980	128	76856	100.639	ug/L	93
25) Chloroform	5.092	83	264601	95.528	ug/L	99
27) 1,2-Dichloroethane	5.800	62	202986	91.151	ug/L	100
29) Cyclohexane	5.395	56	232673	87.955	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	232059	96.850	ug/L	100
31) Carbon tetrachloride	5.530	117	202117	104.506	ug/L	98
33) Benzene	5.777	78	575794	89.440	ug/L	100
34) Trichloroethene	6.546	95	148382	94.378	ug/L	98
35) Methylcyclohexane	6.768	83	248927	92.047	ug/L	99
37) 1,2-Dichloropropane	6.793	63	147721	86.581	ug/L	99
38) Bromodichloromethane	7.108	83	198925	91.897	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	247389	94.981	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	460446	182.942	ug/L	99
42) Toluene	7.973	91	628027	93.053	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	242223	97.380	ug/L	99

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45) 1,1,2-Trichloroethane	8.404	97	147750	92.506	ug/L	98
46) Tetrachloroethene	8.555	164	111121	98.758	ug/L	99
48) 2-Hexanone	8.690	43	406938	191.165	ug/L	98
49) Dibromochloromethane	8.813	129	162701	103.541	ug/L	97
50) 1,2-Dibromoethane	8.928	107	164663	97.247	ug/L	98
51) Chlorobenzene	9.449	112	391359	95.167	ug/L	99
52) Ethylbenzene	9.575	91	695560	96.513	ug/L	100
53) m,p-Xylene	9.697	106	269911	97.827	ug/L	99
54) o-xylene	10.105	106	261517	96.187	ug/L	98
55) Styrene	10.118	104	459588	100.228	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	263623	94.130	ug/L	98
59) Bromoform	10.295	173	124266	103.743	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	218414	87.614	ug/L	99
61) Isopropylbenzene	10.488	105	702157	92.727	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	615943	95.796	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	619836	95.263	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	318576	94.422	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	322862	94.253	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	315759	91.145	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	62255	86.585	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	240548	96.419	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	221220	97.540	ug/L	99
71) Naphthalene	14.089	128	817859	95.895	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	221861	95.526	ug/L	99

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

