

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045327.D
 Acq On : 19 Oct 2021 13:11
 Operator : SY/MD
 Sample : VSTD05021
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050021

Quant Time: Oct 20 02:47:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	308767	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	303868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	155534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66410	22.193	ug/L	0.00
7) Chloroethane-d5	1.912	69	63711	26.512	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	129199	25.433	ug/L	0.00
21) 2-Butanone-d5	4.626	46	203116	79.518	ug/L	0.00
24) Chloroform-d	5.070	84	178231	35.638	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	120426	35.489	ug/L	0.00
32) Benzene-d6	5.732	84	289130	30.248	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	111280	34.855	ug/L	0.00
41) Toluene-d8	7.903	98	243530	29.666	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	56466	39.038	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	144505	79.744	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	203913	39.578	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	130924	40.317	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	106817	37.910	ug/L	100
3) Chloromethane	1.523	50	122725	35.386	ug/L	100
5) Vinyl chloride	1.604	62	134224	38.839	ug/L	100
6) Bromomethane	1.855	94	70351	41.308	ug/L	100
8) Chloroethane	1.935	64	84553	38.959	ug/L	100
9) Trichlorofluoromethane	2.141	101	160507	40.382	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	103421	41.011	ug/L	100
12) 1,1-Dichloroethene	2.581	96	96048	41.683	ug/L	100
13) Acetone	2.629	43	223404	76.880	ug/L	100
14) Carbon disulfide	2.797	76	264072	36.505	ug/L	100
15) Methyl Acetate	2.951	43	138071	38.067	ug/L	100
16) Methylene chloride	3.051	84	120348	40.936	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	101447	41.714	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	366994	45.107	ug/L	100
19) 1,1-Dichloroethane	3.874	63	211104	41.680	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	119050	43.980	ug/L	100
22) 2-Butanone	4.707	43	254585	77.670	ug/L	100
23) Bromochloromethane	4.980	128	58333	42.544	ug/L	100
25) Chloroform	5.092	83	216789	42.734	ug/L	100
27) 1,2-Dichloroethane	5.800	62	172047	40.983	ug/L	100
29) Cyclohexane	5.391	56	177043	40.912	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	172326	42.547	ug/L	100
31) Carbon tetrachloride	5.530	117	133774	41.846	ug/L	100
33) Benzene	5.777	78	461113	42.532	ug/L	100
34) Trichloroethene	6.546	95	113260	43.198	ug/L	100
35) Methylcyclohexane	6.768	83	177626	41.248	ug/L	100
37) 1,2-Dichloropropane	6.797	63	124600	42.124	ug/L	100
38) Bromodichloromethane	7.108	83	158041	43.350	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	190102	44.568	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	386309	79.159	ug/L	100
42) Toluene	7.973	91	480625	43.570	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	182476	44.946	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	119403	44.056	ug/L	100
46) Tetrachloroethene	8.555	164	77119	41.416	ug/L	100
48) 2-Hexanone	8.687	43	335099	77.949	ug/L	100
49) Dibromochloromethane	8.813	129	115445	43.159	ug/L	100
50) 1,2-Dibromoethane	8.925	107	122265	43.238	ug/L	100
51) Chlorobenzene	9.449	112	297863	43.253	ug/L	100
52) Ethylbenzene	9.575	91	522723	44.472	ug/L	100
53) m,p-Xylene	9.697	106	200509	45.007	ug/L	100
54) o-xylene	10.102	106	201244	45.892	ug/L	100
55) Styrene	10.118	104	347128	46.054	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	207809	40.250	ug/L	100
59) Bromoform	10.295	173	80722	43.049	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	168401	40.498	ug/L	100
61) Isopropylbenzene	10.488	105	513595	46.313	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	438717	47.314	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	445230	47.007	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	228750	44.350	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	229520	43.448	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	228955	43.461	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	47304	40.050	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	157309	44.175	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	134823	45.710	ug/L	100
71) Naphthalene	14.089	128	481049	47.541	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	138769	46.228	ug/L	100

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

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