

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042276.D
 Acq On : 05 Feb 2021 11:51
 Operator : SY/MD
 Sample : VSTD20031
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200306

Quant Time: Feb 06 07:03:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 06:59:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	193561	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	188408	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	111248	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	301080	152.00	ug/L	0.00
7) Chloroethane-d5	1.913	69	179816	115.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	652689	194.28	ug/L	0.00
21) 2-Butanone-d5	4.639	46	639946	404.92	ug/L	0.00
24) Chloroform-d	5.073	84	607119	191.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	420968	207.40	ug/L	0.00
32) Benzene-d6	5.739	84	1100207	177.22	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	363615	179.35	ug/L	0.00
41) Toluene-d8	7.909	98	1057326	194.50	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	205657	204.15	ug/L	0.00
47) 2-Hexanone-d5	8.649	63	445036	408.43	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.768	84	584252	196.74	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	464667	201.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	331755	183.36	ug/L	99
3) Chloromethane	1.520	50	299360	147.62	ug/L	100
5) Vinyl chloride	1.607	62	300438	144.72	ug/L	99
6) Bromomethane	1.861	94	162450	129.87	ug/L	98
8) Chloroethane	1.932	64	145501	114.88	ug/L	100
9) Trichlorofluoromethane	2.138	101	457130	170.37	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	274722	183.49	ug/L	99
12) 1,1-Dichloroethene	2.582	96	257946	180.21	ug/L	84
13) Acetone	2.646	43	494946	362.29	ug/L	99
14) Carbon disulfide	2.797	76	777602	170.63	ug/L	99
15) Methyl Acetate	2.958	43	431933	205.91	ug/L	99
16) Methylene chloride	3.051	84	286645	174.05	ug/L	98
17) trans-1,2-Dichloroethene	3.360	96	266892	177.39	ug/L	96
18) Methyl tert-butyl Ether	3.373	73	965467	195.02	ug/L	100
19) 1,1-Dichloroethane	3.877	63	549275	183.78	ug/L	99
20) cis-1,2-Dichloroethene	4.675	96	300777	184.78	ug/L	99
22) 2-Butanone	4.720	43	706197	398.91	ug/L	99
23) Bromochloromethane	4.987	128	159071	201.57	ug/L	98
25) Chloroform	5.099	83	557553	186.99	ug/L	99
27) 1,2-Dichloroethane	5.803	62	484088	206.02	ug/L	99
29) Cyclohexane	5.398	56	496595	184.22	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	513691	187.62	ug/L	99
31) Carbon tetrachloride	5.533	117	451059	198.38	ug/L	99
33) Benzene	5.784	78	1135793	172.77	ug/L	100
34) Trichloroethene	6.549	95	304461	183.56	ug/L	99
35) Methylcyclohexane	6.771	83	466475	191.46	ug/L	98
37) 1,2-Dichloropropane	6.800	63	318285	178.81	ug/L	100
38) Bromodichloromethane	7.115	83	439503	196.56	ug/L	98
39) cis-1,3-Dichloropropene	7.617	75	524054	199.77	ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	1315073	460.38	ug/L	99
42) Toluene	7.980	91	1249652	194.31	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	526032	209.36	ug/L	100

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45) 1,1,2-Trichloroethane	8.411	97	297676	191.24	ug/L	99
46) Tetrachloroethene	8.562	164	249904	229.01	ug/L	98
48) 2-Hexanone	8.700	43	1070156	453.52	ug/L	100
49) Dibromochloromethane	8.819	129	365098	213.93	ug/L	99
50) 1,2-Dibromoethane	8.935	107	336101	201.36	ug/L	99
51) Chlorobenzene	9.456	112	802066	199.28	ug/L	100
52) Ethylbenzene	9.578	91	1417664	202.81	ug/L	99
53) m,p-Xylene	9.703	106	528697	207.83	ug/L	99
54) o-xylene	10.109	106	523931	212.92	ug/L	99
55) Styrene	10.125	104	924604	214.41	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.793	83	574054	197.45	ug/L	100
59) Bromoform	10.301	173	327245	223.95	ug/L	100
60) 1,2,3-Trichloropropane	10.835	75	475391	169.20	ug/L	99
61) Isopropylbenzene	10.494	105	1416150	186.06	ug/L	99
62) 1,3,5-Trimethylbenzene	11.099	105	1263531	195.20	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	1292176	200.32	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	698636	197.61	ug/L	99
65) 1,4-Dichlorobenzene	11.848	146	703027	198.87	ug/L	100
67) 1,2-Dichlorobenzene	12.224	146	705088	195.24	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.006	75	164685	184.43	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	562659	229.09	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	494558	257.99	ug/L	99
71) Naphthalene	14.096	128	1594786	249.80	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	483260	248.23	ug/L	100

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

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