

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043715.D
 Acq On : 13 May 2021 21:22
 Operator : SY/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050302

Quant Time: May 14 04:06:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:05:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	490863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	470405	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	252978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	202944	52.52	ug/L	0.00
7) Chloroethane-d5	1.909	69	145419	51.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	344077	45.44	ug/L	0.00
21) 2-Butanone-d5	4.626	46	322100	82.46	ug/L	0.00
24) Chloroform-d	5.070	84	344324	46.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	212064	39.82	ug/L	0.00
32) Benzene-d6	5.735	84	718094	53.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	231047	51.34	ug/L	0.00
41) Toluene-d8	7.902	98	650944	49.57	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	100498	44.26	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	224015	87.02	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	337713	47.41	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	248833	46.50	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	201115	51.90	ug/L	100
3) Chloromethane	1.523	50	237594	57.44	ug/L	100
5) Vinyl chloride	1.607	62	237011	58.71	ug/L	100
6) Bromomethane	1.848	94	129809	54.76	ug/L	100
8) Chloroethane	1.932	64	133293	53.83	ug/L	100
9) Trichlorofluoromethane	2.141	101	268153	42.94	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	177924	50.59	ug/L	100
12) 1,1-Dichloroethene	2.584	96	174367	54.46	ug/L	100
13) Acetone	2.629	43	218031	70.46	ug/L	100
14) Carbon disulfide	2.800	76	548957	54.71	ug/L	100
15) Methyl Acetate	2.951	43	247703	44.00	ug/L	100
16) Methylene chloride	3.051	84	221900	58.35	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	181564	53.35	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	551859	47.76	ug/L	100
19) 1,1-Dichloroethane	3.877	63	352633	50.68	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	201140	53.16	ug/L	100
22) 2-Butanone	4.706	43	364709	79.46	ug/L	100
23) Bromochloromethane	4.983	128	106394	52.97	ug/L	100
25) Chloroform	5.096	83	344456	48.15	ug/L	100
27) 1,2-Dichloroethane	5.800	62	265586	41.96	ug/L	100
29) Cyclohexane	5.398	56	322707	52.43	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	281016	45.29	ug/L	100
31) Carbon tetrachloride	5.533	117	234248	43.42	ug/L	100
33) Benzene	5.780	78	804373	54.39	ug/L	100
34) Trichloroethene	6.549	95	192339	51.14	ug/L	100
35) Methylcyclohexane	6.771	83	313161	53.27	ug/L	100
37) 1,2-Dichloropropane	6.800	63	214548	52.75	ug/L	100
38) Bromodichloromethane	7.112	83	255261	47.85	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	301345	50.25	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	652694	80.96	ug/L	100
42) Toluene	7.976	91	847950	52.75	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	283446	46.80	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	197535	52.14	ug/L	100
46) Tetrachloroethene	8.558	164	153078	49.82	ug/L	100
48) 2-Hexanone	8.690	43	533285	79.19	ug/L	100
49) Dibromochloromethane	8.816	129	202516	46.82	ug/L	100
50) 1,2-Dibromoethane	8.928	107	205880	48.84	ug/L	100
51) Chlorobenzene	9.452	112	506204	50.81	ug/L	100
52) Ethylbenzene	9.574	91	874750	49.82	ug/L	100
53) m,p-Xylene	9.700	106	337030	51.64	ug/L	100
54) o-xylene	10.105	106	329940	51.19	ug/L	100
55) Styrene	10.121	104	565062	51.29	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	347805	48.04	ug/L	100
59) Bromoform	10.298	173	159172	45.43	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	279823	46.76	ug/L	100
61) Isopropylbenzene	10.491	105	845501	49.28	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	713922	48.72	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	723950	47.79	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	394828	47.28	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	399675	47.10	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	407531	47.40	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	77423	38.96	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	294041	44.69	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	256760	45.58	ug/L	100
71) Naphthalene	14.092	128	907287	51.00	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	277727	48.07	ug/L	100

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

