

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049668.D
 Acq On : 11 Jul 2022 11:11
 Operator : SY/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050003

Quant Time: Jul 12 02:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238119	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111038	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100109	63.544	ug/L	0.00
7) Chloroethane-d5	1.903	69	71198	61.752	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	174554	59.680	ug/L	0.00
21) 2-Butanone-d5	4.620	46	168863	104.000	ug/L	0.00
24) Chloroform-d	5.063	84	177346	55.320	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	115536	55.441	ug/L	0.00
32) Benzene-d6	5.726	84	336720	59.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	112295	59.085	ug/L	0.00
41) Toluene-d8	7.896	98	294623	58.781	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	47983	54.267	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	101715	105.016	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	155026	50.324	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	102660	52.438	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	139041	61.587	ug/L	100
3) Chloromethane	1.520	50	149859	61.936	ug/L	100
5) Vinyl chloride	1.604	62	137614	61.054	ug/L	100
6) Bromomethane	1.842	94	62829	52.057	ug/L	100
8) Chloroethane	1.922	64	74589	59.472	ug/L	100
9) Trichlorofluoromethane	2.131	101	170942	55.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	90514	52.406	ug/L	100
12) 1,1-Dichloroethene	2.578	96	83527	54.969	ug/L	100
13) Acetone	2.623	43	154215	114.828	ug/L	100
14) Carbon disulfide	2.790	76	273619	66.098	ug/L	100
15) Methyl Acetate	2.945	43	126591	49.958	ug/L	100
16) Methylene chloride	3.041	84	102836	52.194	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	88939	53.462	ug/L	100
18) Methyl tert-butyl Ether	3.363	73	310755	50.796	ug/L	100
19) 1,1-Dichloroethane	3.867	63	190763	53.339	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	101140	50.672	ug/L	100
22) 2-Butanone	4.700	43	210202	105.842	ug/L	100
23) Bromochloromethane	4.973	128	51699	49.674	ug/L	100
25) Chloroform	5.086	83	190596	51.710	ug/L	100
27) 1,2-Dichloroethane	5.793	62	158887	52.320	ug/L	100
29) Cyclohexane	5.385	56	174373	65.141	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	158882	51.081	ug/L	100
31) Carbon tetrachloride	5.523	117	129979	48.346	ug/L	100
33) Benzene	5.774	78	411441	55.745	ug/L	100
34) Trichloroethene	6.539	95	98325	53.291	ug/L	100
35) Methylcyclohexane	6.761	83	160992	60.671	ug/L	100
37) 1,2-Dichloropropane	6.790	63	114156	54.907	ug/L	100
38) Bromodichloromethane	7.105	83	138196	51.058	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	157431	52.157	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	370666	106.914	ug/L	100
42) Toluene	7.967	91	414396	54.506	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	143000	48.612	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	97829	49.705	ug/L	100
46) Tetrachloroethene	8.552	164	68947	48.851	ug/L	100
48) 2-Hexanone	8.684	43	292873	103.964	ug/L	100
49) Dibromochloromethane	8.809	129	98277	45.742	ug/L	100
50) 1,2-Dibromoethane	8.922	107	95690	46.775	ug/L	100
51) Chlorobenzene	9.446	112	243674	48.735	ug/L	100
52) Ethylbenzene	9.568	91	439549	53.631	ug/L	100
53) m,p-Xylene	9.693	106	158124	50.222	ug/L	100
54) o-Xylene	10.099	106	162016	50.778	ug/L	100
55) Styrene	10.111	104	268904	50.567	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	178589	48.630	ug/L	100
59) Bromoform	10.288	173	70511	43.866	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	142459	49.773	ug/L	100
61) Isopropylbenzene	10.484	105	417288	54.318	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	356351	54.355	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	356347	64.383	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	177025	47.545	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	175057	46.609	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	182047	47.509	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	42070	45.571	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	125669	47.415	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	114263	50.350	ug/L	100
71) Naphthalene	14.086	128	418839	51.546	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	120564	50.305	ug/L	100

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

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