

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048580.D
 Acq On : 16 May 2022 13:51
 Operator : SY/MD
 Sample : VSTD10071
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100071

Quant Time: May 17 06:43:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:41:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	255949	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	253700	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	152614	74.088	ug/L	0.00
7) Chloroethane-d5	1.906	69	117542	87.147	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	355382	92.664	ug/L	0.00
21) 2-Butanone-d5	4.616	46	317383	175.131	ug/L	-0.01
24) Chloroform-d	5.063	84	397829	103.627	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	282367	111.284	ug/L	0.00
32) Benzene-d6	5.729	84	705154	93.431	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	207821	86.455	ug/L	0.00
41) Toluene-d8	7.899	98	675877	99.935	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	132119	111.903	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	242813	201.556	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	340616	91.871	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	312706	100.348	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	276427	113.727	ug/L	100
3) Chloromethane	1.523	50	174772	70.737	ug/L	99
5) Vinyl chloride	1.604	62	177266	74.090	ug/L	100
6) Bromomethane	1.845	94	121309	97.239	ug/L	98
8) Chloroethane	1.928	64	104125	80.117	ug/L	99
9) Trichlorofluoromethane	2.137	101	351036	103.614	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	180657	94.827	ug/L	99
12) 1,1-Dichloroethene	2.578	96	164751	92.523	ug/L	89
13) Acetone	2.623	43	215071	150.691	ug/L	100
14) Carbon disulfide	2.793	76	462019	85.060	ug/L	100
15) Methyl Acetate	2.944	43	210084	76.041	ug/L	99
16) Methylene chloride	3.044	84	185879	86.422	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	175036	92.340	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	641998	99.224	ug/L	99
19) 1,1-Dichloroethane	3.870	63	330446	85.582	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	202985	94.060	ug/L	99
22) 2-Butanone	4.697	43	308694	150.993	ug/L	100
23) Bromochloromethane	4.973	128	110533	96.015	ug/L	97
25) Chloroform	5.089	83	383610	97.759	ug/L	99
27) 1,2-Dichloroethane	5.793	62	328275	100.642	ug/L	100
29) Cyclohexane	5.388	56	265540	79.272	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	379333	104.295	ug/L	98
31) Carbon tetrachloride	5.526	117	349427	110.350	ug/L	100
33) Benzene	5.774	78	732205	85.282	ug/L	100
34) Trichloroethene	6.542	95	205888	94.618	ug/L	99
35) Methylcyclohexane	6.764	83	309030	91.391	ug/L	99
37) 1,2-Dichloropropane	6.790	63	183861	78.274	ug/L	99
38) Bromodichloromethane	7.105	83	303872	100.396	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	333502	96.542	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	578224	154.186	ug/L	99
42) Toluene	7.970	91	817035	91.050	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	351847	102.448	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	197486	89.621	ug/L	97
46) Tetrachloroethene	8.552	164	171102	102.708	ug/L	98
48) 2-Hexanone	8.684	43	477225	151.855	ug/L	99
49) Dibromochloromethane	8.809	129	260875	106.321	ug/L	98
50) 1,2-Dibromoethane	8.925	107	229990	97.787	ug/L #	96
51) Chlorobenzene	9.446	112	556531	96.643	ug/L	100
52) Ethylbenzene	9.571	91	939557	99.229	ug/L	100
53) m,p-Xylene	9.693	106	375211	101.696	ug/L	100
54) o-Xylene	10.102	106	368104	100.254	ug/L	99
55) Styrene	10.115	104	643177	106.496	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	342368	85.036	ug/L	98
59) Bromoform	10.291	173	213361	93.959	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	299103	75.024	ug/L	97
61) Isopropylbenzene	10.484	105	991043	90.199	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	591133	96.824	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	915484	100.358	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	492368	94.008	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	495285	93.960	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	493527	92.538	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	121340	98.986	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	385030	101.603	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	359015	106.672	ug/L	99
71) Naphthalene	14.086	128	1184439	92.906	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	354037	100.082	ug/L	99

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

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