

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050599.D
 Acq On : 02 Sep 2022 14:53
 Operator : SY/MD
 Sample : VSTD05021
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050021

Quant Time: Sep 03 01:58:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	387573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	375265	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156070	51.716	ug/L	0.00
7) Chloroethane-d5	1.906	69	117279	50.931	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	278163	53.866	ug/L	0.00
21) 2-Butanone-d5	4.626	46	244790	95.756	ug/L	0.00
24) Chloroform-d	5.063	84	308189	52.548	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	186838	49.555	ug/L	0.00
32) Benzene-d6	5.726	84	615366	52.313	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	206210	52.549	ug/L	0.00
41) Toluene-d8	7.896	98	540343	52.961	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	84371	53.264	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	103648	77.857	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	304639	50.128	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	186287	48.896	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	178019	65.091	ug/L	100
3) Chloromethane	1.520	50	188917	46.715	ug/L	100
5) Vinyl chloride	1.604	62	176530	47.417	ug/L	100
6) Bromomethane	1.851	94	89860	52.238	ug/L	100
8) Chloroethane	1.928	64	100351	43.766	ug/L	100
9) Trichlorofluoromethane	2.134	101	218875	49.995	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	141423	52.900	ug/L	100
12) 1,1-Dichloroethene	2.578	96	138697	51.108	ug/L	100
13) Acetone	2.633	43	185122	92.379	ug/L	100
14) Carbon disulfide	2.790	76	401473	57.717	ug/L	100
15) Methyl Acetate	2.948	43	190483	46.545	ug/L	100
16) Methylene chloride	3.044	84	177729	41.369	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	149349	50.799	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	467263	47.859	ug/L	100
19) 1,1-Dichloroethane	3.867	63	292597	49.446	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	168792	49.048	ug/L	100
22) 2-Butanone	4.703	43	293207	94.960	ug/L	100
23) Bromochloromethane	4.973	128	86818	47.572	ug/L	100
25) Chloroform	5.086	83	299408	49.079	ug/L	100
27) 1,2-Dichloroethane	5.793	62	225327	47.128	ug/L	100
29) Cyclohexane	5.388	56	249842	56.555	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	246284	53.015	ug/L	100
31) Carbon tetrachloride	5.523	117	200632	55.583	ug/L	100
33) Benzene	5.774	78	683850	50.076	ug/L	100
34) Trichloroethene	6.542	95	158071	49.975	ug/L	100
35) Methylcyclohexane	6.761	83	250875	56.365	ug/L	100
37) 1,2-Dichloropropane	6.790	63	181228	48.649	ug/L	100
38) Bromodichloromethane	7.105	83	214803	50.551	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	249278	50.455	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	508363	95.528	ug/L	100
42) Toluene	7.970	91	695327	51.211	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	228063	50.748	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	170404	47.547	ug/L	100
46) Tetrachloroethene	8.552	164	114358	51.281	ug/L	100
48) 2-Hexanone	8.684	43	460512	100.168	ug/L	100
49) Dibromochloromethane	8.809	129	162592	51.265	ug/L	100
50) 1,2-Dibromoethane	8.922	107	177295	47.807	ug/L	100
51) Chlorobenzene	9.446	112	420338	49.657	ug/L	100
52) Ethylbenzene	9.568	91	701147	52.757	ug/L	100
53) m,p-Xylene	9.693	106	261869	52.517	ug/L	100
54) o-Xylene	10.099	106	266943	52.880	ug/L	100
55) Styrene	10.115	104	447102	53.422	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	294291	46.126	ug/L	100
59) Bromoform	10.291	173	117265	49.952	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	233185	45.211	ug/L	100
61) Isopropylbenzene	10.484	105	659326	52.477	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	564073	54.243	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	546893	54.278	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	284913	47.947	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	280406	46.414	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	297190	46.400	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	59032	47.250	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	202013	48.793	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	162619	44.543	ug/L	100
71) Naphthalene	14.086	128	566065	38.583	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	180445	43.207	ug/L	100

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

