

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050696.D
 Acq On : 08 Sep 2022 20:03
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050195

Quant Time: Sep 09 00:57:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304529	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	151567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79785	30.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.260%
7) Chloroethane-d5	1.903	69	68274	38.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.520%
11) 1,1-Dichloroethene-d2	2.565	63	166200	36.108	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
21) 2-Butanone-d5	4.620	46	201985	105.992	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.990%
24) Chloroform-d	5.060	84	233622	47.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	5.700	65	149345	49.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.020%
32) Benzene-d6	5.726	84	435234	42.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.640%
36) 1,2-Dichloropropane-d6	6.690	67	148533	43.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.980%
41) Toluene-d8	7.896	98	383930	43.653	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.300%
43) trans-1,3-Dichloroprop...	8.179	79	66867	47.860	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	8.632	63	111252	130.982	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.980%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	252960	49.504	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	156749	44.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	102779	35.138	ug/L	99
3) Chloromethane	1.520	50	133201	42.145	ug/L	100
5) Vinyl chloride	1.604	62	107011	35.937	ug/L	99
6) Bromomethane	1.838	94	63152	42.053	ug/L	97
8) Chloroethane	1.922	64	64067	40.509	ug/L	95
9) Trichlorofluoromethane	2.131	101	143387	39.523	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	84410	35.469	ug/L	96
12) 1,1-Dichloroethene	2.575	96	92745	40.108	ug/L	97
13) Acetone	2.623	43	131778	91.670	ug/L	98
14) Carbon disulfide	2.790	76	272473	39.736	ug/L	100
15) Methyl Acetate	2.944	43	146483	48.182	ug/L	97
16) Methylene chloride	3.041	84	140955	46.447	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	109211	44.538	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	391968	51.556	ug/L	99
19) 1,1-Dichloroethane	3.864	63	218229	46.129	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	133358	48.202	ug/L	95
22) 2-Butanone	4.700	43	211675	94.146	ug/L	93
23) Bromochloromethane	4.970	128	73471	51.391	ug/L	91
25) Chloroform	5.086	83	238750	49.535	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	186644	52.247	ug/L	99
29) Cyclohexane	5.388	56	134705	32.319	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	185091	44.156	ug/L	98
31) Carbon tetrachloride	5.523	117	147251	42.876	ug/L	99
33) Benzene	5.774	78	517819	45.719	ug/L	100
34) Trichloroethene	6.542	95	116833	44.270	ug/L	98
35) Methylcyclohexane	6.764	83	138082	32.911	ug/L	97
37) 1,2-Dichloropropane	6.790	63	140216	46.868	ug/L	99
38) Bromodichloromethane	7.105	83	178788	50.803	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	202720	50.060	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	394324	96.721	ug/L	97
42) Toluene	7.970	91	530108	46.076	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	190355	50.101	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	145274	50.549	ug/L	98
46) Tetrachloroethene	8.552	164	81784	42.429	ug/L	99
48) 2-Hexanone	8.684	43	330157	86.774	ug/L	98
49) Dibromochloromethane	8.809	129	146321	53.379	ug/L	99
50) 1,2-Dibromoethane	8.922	107	152147	52.056	ug/L	99
51) Chlorobenzene	9.446	112	338068	47.346	ug/L	97
52) Ethylbenzene	9.571	91	518817	45.648	ug/L	99
53) m,p-Xylene	9.693	106	202118	46.417	ug/L	94
54) o-Xylene	10.102	106	210159	48.478	ug/L	98
55) Styrene	10.115	104	370727	51.974	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	259806	50.752	ug/L	98
59) Bromoform	10.291	173	114265	50.529	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	205386	46.184	ug/L	98
61) Isopropylbenzene	10.484	105	488961	40.756	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	427570	41.687	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	426029	43.255	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	243953	46.213	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	243308	46.629	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	261797	46.565	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	54992	46.826	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	163531	42.687	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	135390	41.620	ug/L	100
71) Naphthalene	14.089	128	505030	43.789	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	155221	44.063	ug/L	99

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

