

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050628.D
 Acq On : 03 Sep 2022 21:29
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050189

Quant Time: Sep 05 01:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	306881	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	304264	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	141917	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	91466	34.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.700%
7) Chloroethane-d5	1.903	69	75767	42.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.380%
11) 1,1-Dichloroethene-d2	2.565	63	186211	40.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
21) 2-Butanone-d5	4.623	46	210206	109.461	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.460%
24) Chloroform-d	5.063	84	244540	49.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	5.700	65	154898	50.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.900%
32) Benzene-d6	5.726	84	481270	47.864	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	6.690	67	167429	50.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	7.896	98	414957	48.259	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.520%
43) trans-1,3-Dichloroprop...	8.179	79	58093	42.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.060%
47) 2-Hexanone-d5	8.636	63	101521	122.258	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.260%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	251903	50.424	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	12.192	152	154302	46.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	107974	36.631	ug/L	97
3) Chloromethane	1.517	50	133729	41.988	ug/L	100
5) Vinyl chloride	1.601	62	122547	40.839	ug/L	98
6) Bromomethane	1.845	94	64457	42.593	ug/L	99
8) Chloroethane	1.925	64	72090	45.232	ug/L	98
9) Trichlorofluoromethane	2.134	101	144489	39.522	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	88611	36.948	ug/L	99
12) 1,1-Dichloroethene	2.575	96	98511	42.275	ug/L	96
13) Acetone	2.629	43	139038	95.979	ug/L	99
14) Carbon disulfide	2.790	76	290706	42.070	ug/L	99
15) Methyl Acetate	2.948	43	156531	51.093	ug/L	99
16) Methylene chloride	3.041	84	157516	51.506	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	116330	47.078	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	413258	53.940	ug/L	99
19) 1,1-Dichloroethane	3.867	63	237668	49.853	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	138675	49.739	ug/L	100
22) 2-Butanone	4.703	43	234633	103.557	ug/L	98
23) Bromochloromethane	4.973	128	73970	51.343	ug/L	98
25) Chloroform	5.086	83	245081	50.459	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	189090	52.526	ug/L	100
29) Cyclohexane	5.388	56	166124	40.768	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	186775	45.576	ug/L	100
31) Carbon tetrachloride	5.523	117	145497	43.334	ug/L	99
33) Benzene	5.774	78	553140	49.954	ug/L	100
34) Trichloroethene	6.539	95	123165	47.736	ug/L	98
35) Methylcyclohexane	6.761	83	152530	37.185	ug/L	100
37) 1,2-Dichloropropane	6.790	63	151521	51.804	ug/L	99
38) Bromodichloromethane	7.105	83	178314	51.826	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	173612	43.852	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	425562	106.770	ug/L	100
42) Toluene	7.970	91	557653	49.579	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	159061	42.821	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	142983	50.889	ug/L	98
46) Tetrachloroethene	8.552	164	80525	42.730	ug/L	98
48) 2-Hexanone	8.684	43	376484	101.212	ug/L	99
49) Dibromochloromethane	8.809	129	136789	51.043	ug/L	97
50) 1,2-Dibromoethane	8.922	107	151513	53.024	ug/L	98
51) Chlorobenzene	9.446	112	339703	48.663	ug/L	99
52) Ethylbenzene	9.571	91	538073	48.425	ug/L	100
53) m,p-Xylene	9.693	106	203369	47.772	ug/L	98
54) o-Xylene	10.099	106	213555	50.388	ug/L	99
55) Styrene	10.115	104	361842	51.888	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	251578	50.268	ug/L	99
59) Bromoform	10.292	173	99635	47.056	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	198199	47.598	ug/L	99
61) Isopropylbenzene	10.484	105	492671	43.857	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	426625	44.423	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	419915	45.533	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	226091	45.742	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	228040	46.675	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	245263	46.591	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	50469	45.897	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	151339	42.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	133616	43.868	ug/L	99
71) Naphthalene	14.086	128	538225	49.840	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	154041	46.702	ug/L	100

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

