

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090922\
 Data File : VU050705.D
 Acq On : 09 Sep 2022 17:29
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050197

Quant Time: Sep 10 01:22:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 10 01:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	264144	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	275513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	135296	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67453	29.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.720%#
7) Chloroethane-d5	1.900	69	57934	37.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.840%
11) 1,1-Dichloroethene-d2	2.565	63	149156	37.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.720%
21) 2-Butanone-d5	4.620	46	198308	119.973	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.970%
24) Chloroform-d	5.060	84	216319	50.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.040%
26) 1,2-Dichloroethane-d4	5.700	65	139060	53.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.300%
32) Benzene-d6	5.726	84	391301	42.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.960%
36) 1,2-Dichloropropane-d6	6.690	67	134924	45.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.280%
41) Toluene-d8	7.896	98	345981	44.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	8.179	79	61937	50.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.160%
47) 2-Hexanone-d5	8.632	63	83795	111.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.440%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	247849	54.790	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	146845	46.365	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	110806	43.674	ug/L	100
3) Chloromethane	1.520	50	117915	43.013	ug/L	98
5) Vinyl chloride	1.604	62	96459	37.346	ug/L	99
6) Bromomethane	1.838	94	55842	42.871	ug/L	97
8) Chloroethane	1.922	64	55723	40.620	ug/L	99
9) Trichlorofluoromethane	2.131	101	142302	45.221	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	93172	45.136	ug/L	99
12) 1,1-Dichloroethene	2.575	96	89593	44.669	ug/L	91
13) Acetone	2.623	43	161611	129.612	ug/L	99
14) Carbon disulfide	2.787	76	254209	42.741	ug/L	99
15) Methyl Acetate	2.945	43	144764	54.897	ug/L	97
16) Methylene chloride	3.041	84	132537	50.350	ug/L	92
17) trans-1,2-Dichloroethene	3.350	96	98516	46.319	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	350754	53.189	ug/L	99
19) 1,1-Dichloroethane	3.867	63	200856	48.948	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	121687	50.708	ug/L	93
22) 2-Butanone	4.700	43	226769	116.280	ug/L	95
23) Bromochloromethane	4.973	128	68332	55.104	ug/L	92
25) Chloroform	5.086	83	221968	53.094	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	171534	55.359	ug/L	100
29) Cyclohexane	5.388	56	137662	37.309	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	173922	46.868	ug/L	99
31) Carbon tetrachloride	5.523	117	143522	47.206	ug/L	99
33) Benzene	5.774	78	475494	47.423	ug/L	100
34) Trichloroethene	6.542	95	104062	44.541	ug/L	94
35) Methylcyclohexane	6.764	83	145869	39.272	ug/L	98
37) 1,2-Dichloropropane	6.790	63	127206	48.030	ug/L	99
38) Bromodichloromethane	7.105	83	168753	54.166	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	175117	48.848	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	372583	103.233	ug/L	98
42) Toluene	7.970	91	486203	47.737	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	177017	52.629	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	135142	53.118	ug/L	99
46) Tetrachloroethene	8.555	164	77120	45.194	ug/L	97
48) 2-Hexanone	8.684	43	342998	101.832	ug/L	99
49) Dibromochloromethane	8.809	129	138293	56.989	ug/L	99
50) 1,2-Dibromoethane	8.922	107	142435	55.049	ug/L	97
51) Chlorobenzene	9.446	112	303131	47.955	ug/L	99
52) Ethylbenzene	9.571	91	468247	46.538	ug/L	100
53) m,p-Xylene	9.693	106	185555	48.136	ug/L	97
54) o-Xylene	10.102	106	191761	49.967	ug/L	98
55) Styrene	10.115	104	333511	52.817	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	246552	54.404	ug/L	98
59) Bromoform	10.292	173	105885	52.454	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	194545	49.007	ug/L	98
61) Isopropylbenzene	10.484	105	445891	41.636	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	384257	41.970	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	378260	43.024	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	222384	47.194	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	214359	46.022	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	236357	47.096	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	52682	50.254	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	146122	42.730	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	111506	38.401	ug/L	100
71) Naphthalene	14.089	128	366475	35.597	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	123117	39.153	ug/L	99

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

