

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047756.D
 Acq On : 29 Mar 2022 17:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050184

Quant Time: Mar 30 01:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317726	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	221926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	133822	58.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 116.160%	
7) Chloroethane-d5	1.919	69	106655	58.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 117.420%	
11) 1,1-Dichloroethene-d2	2.575	63	236892	56.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 112.400%	
21) 2-Butanone-d5	4.639	46	237570	120.130	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 120.130%	
24) Chloroform-d	5.067	84	239558	56.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.640%	
26) 1,2-Dichloroethane-d4	5.703	65	137418	53.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.300%	
32) Benzene-d6	5.729	84	440357	49.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.180%	
36) 1,2-Dichloropropane-d6	6.694	67	133903	49.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 98.200%	
41) Toluene-d8	7.899	98	462738	53.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.980%	
43) trans-1,3-Dichloroprop...	8.179	79	72173	52.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.480%	
47) 2-Hexanone-d5	8.636	63	180514	113.077	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 113.080%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	248665	53.134	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.260%	
66) 1,2-Dichlorobenzene-d4	12.192	152	201843	51.122	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	179144	60.817	ug/L	98
3) Chloromethane	1.527	50	170198	60.418	ug/L	99
5) Vinyl chloride	1.607	62	169461	58.984	ug/L	98
6) Bromomethane	1.864	94	100649	65.088	ug/L	98
8) Chloroethane	1.938	64	105795	58.659	ug/L	98
9) Trichlorofluoromethane	2.144	101	239452	59.104	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	144278	61.609	ug/L	97
12) 1,1-Dichloroethene	2.584	96	131062	60.135	ug/L	93
13) Acetone	2.655	43	200854	109.139	ug/L	99
14) Carbon disulfide	2.800	76	378347	54.919	ug/L	100
15) Methyl Acetate	2.961	43	187774	63.986	ug/L	99
16) Methylene chloride	3.051	84	156572	62.604	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	142064	60.433	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	426588	64.322	ug/L	99
19) 1,1-Dichloroethane	3.874	63	252000	62.157	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	161669	62.731	ug/L	98
22) 2-Butanone	4.719	43	290766	122.651	ug/L	99
23) Bromochloromethane	4.980	128	88125	62.280	ug/L	98
25) Chloroform	5.092	83	274289	62.840	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	199007	59.012	ug/L	98
29) Cyclohexane	5.395	56	206984	57.804	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	234684	58.651	ug/L	99
31) Carbon tetrachloride	5.526	117	209503	57.983	ug/L	100
33) Benzene	5.777	78	562132	55.034	ug/L	100
34) Trichloroethene	6.542	95	141350	52.784	ug/L	100
35) Methylcyclohexane	6.767	83	221064	54.263	ug/L	99
37) 1,2-Dichloropropane	6.793	63	141971	54.675	ug/L	100
38) Bromodichloromethane	7.108	83	194846	54.644	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	233484	57.951	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	496945	121.089	ug/L	100
42) Toluene	7.970	91	673323	60.078	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	240516	59.789	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	165192	59.985	ug/L	99
46) Tetrachloroethene	8.555	164	138826	57.689	ug/L	98
48) 2-Hexanone	8.687	43	431645	122.274	ug/L	99
49) Dibromochloromethane	8.812	129	187265	58.710	ug/L	98
50) 1,2-Dibromoethane	8.925	107	182027	58.959	ug/L	99
51) Chlorobenzene	9.446	112	443790	58.318	ug/L	99
52) Ethylbenzene	9.571	91	704474	59.780	ug/L	99
53) m,p-Xylene	9.693	106	279410	60.427	ug/L	98
54) o-Xylene	10.102	106	273531	60.272	ug/L	100
55) Styrene	10.115	104	474424	61.230	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	305983	59.267	ug/L	99
59) Bromoform	10.291	173	160555	56.577	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	238849	57.091	ug/L	99
61) Isopropylbenzene	10.484	105	706111	58.872	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	381460	58.617	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	599476	60.645	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	380156	57.025	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	384247	55.647	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	378762	56.782	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	78039	58.233	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	303846	56.120	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	271164	57.180	ug/L	100
71) Naphthalene	14.086	128	833402	58.945	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	275438	57.938	ug/L	98

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

