

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047939.D
 Acq On : 12 Apr 2022 04:23
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050193

Quant Time: Apr 12 05:08:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347205	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	208595	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	139408	55.369	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.740%			
7) Chloroethane-d5	1.912	69	116287	58.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.140%			
11) 1,1-Dichloroethene-d2	2.571	63	236768	51.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.800%			
21) 2-Butanone-d5	4.620	46	231179	106.973	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.970%			
24) Chloroform-d	5.067	84	257928	55.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.980%			
26) 1,2-Dichloroethane-d4	5.703	65	160398	56.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.540%			
32) Benzene-d6	5.729	84	517086	57.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.240%			
36) 1,2-Dichloropropane-d6	6.693	67	163650	58.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.720%			
41) Toluene-d8	7.899	98	489262	55.468	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.940%			
43) trans-1,3-Dichloroprop...	8.179	79	69466	49.316	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.640%			
47) 2-Hexanone-d5	8.632	63	167603	102.974	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.970%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	256908	53.841	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.680%			
66) 1,2-Dichlorobenzene-d4	12.195	152	203921	54.949	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	157443	48.912	ug/L	99
3) Chloromethane	1.523	50	161953	52.610	ug/L	99
5) Vinyl chloride	1.607	62	164648	52.443	ug/L	100
6) Bromomethane	1.854	94	98305	58.175	ug/L	99
8) Chloroethane	1.935	64	103374	52.450	ug/L	99
9) Trichlorofluoromethane	2.141	101	213164	48.148	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	126648	49.489	ug/L	99
12) 1,1-Dichloroethene	2.581	96	119853	50.323	ug/L	96
13) Acetone	2.623	43	147195	73.191	ug/L	97
14) Carbon disulfide	2.797	76	326234	43.334	ug/L	100
15) Methyl Acetate	2.948	43	158953	49.566	ug/L	97
16) Methylene chloride	3.047	84	144716	52.951	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	129924	50.576	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	393953	54.358	ug/L	99
19) 1,1-Dichloroethane	3.874	63	241801	54.577	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	150175	53.324	ug/L	97
22) 2-Butanone	4.700	43	232421	89.716	ug/L	96
23) Bromochloromethane	4.977	128	82613	53.427	ug/L	97
25) Chloroform	5.092	83	256016	53.673	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	193572	52.527	ug/L	97
29) Cyclohexane	5.391	56	192924	52.843	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	210839	51.681	ug/L	99
31) Carbon tetrachloride	5.526	117	175544	47.651	ug/L	99
33) Benzene	5.777	78	565527	54.303	ug/L	100
34) Trichloroethene	6.542	95	141604	51.864	ug/L	97
35) Methylcyclohexane	6.764	83	203815	49.069	ug/L	98
37) 1,2-Dichloropropane	6.793	63	149190	56.352	ug/L	99
38) Bromodichloromethane	7.105	83	185406	50.998	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	196786	47.905	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	427147	102.084	ug/L	98
42) Toluene	7.970	91	614452	53.772	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	196246	47.847	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	152815	54.425	ug/L	99
46) Tetrachloroethene	8.555	164	120989	49.312	ug/L	99
48) 2-Hexanone	8.684	43	345613	96.023	ug/L	99
49) Dibromochloromethane	8.809	129	157170	48.329	ug/L	100
50) 1,2-Dibromoethane	8.925	107	163629	51.982	ug/L	100
51) Chlorobenzene	9.446	112	454672	58.601	ug/L	98
52) Ethylbenzene	9.571	91	630055	52.439	ug/L	100
53) m,p-Xylene	9.693	106	252627	53.586	ug/L	99
54) o-Xylene	10.102	106	248074	53.614	ug/L	98
55) Styrene	10.115	104	422810	53.521	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	265686	50.473	ug/L	98
59) Bromoform	10.291	173	126514	47.431	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	207793	52.842	ug/L	99
61) Isopropylbenzene	10.484	105	619915	54.989	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	326426	53.366	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	511694	55.073	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	322974	51.543	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	328021	50.540	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	331444	52.864	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	59187	46.988	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	249328	48.994	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	223193	50.072	ug/L	99
71) Naphthalene	14.089	128	695370	52.325	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	230700	51.628	ug/L	100

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

